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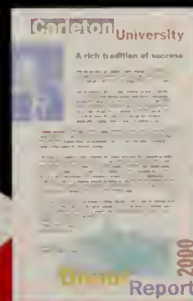
UNIVERSITY MAGAZINE

Spring 2000



Building a legacy

Montreal architect
David Azrieli is
leaving his mark
on Carleton's campus



**2000
donor
report
inside**



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Money's
Worth*

Your Money's Worth

Meet some of the donors who are putting Carleton's Capital Campaign over the top!

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Carleton University is rolling out the blueprints this spring thanks to its successful application for \$40 million in infrastructure renewal grants from the Ontario government's SuperBuild program.

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The technology of the virtual world is changing the world of architecture. Architect Lise Anne Couture, BArch/83, is a pioneer in this innovative new industry.

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For more than half a century, David Azrieli, C.M., C.Q., MArch/97, has worked to make his mark on the world as a designer and architect. Now, with his generous \$2.7 million donation to Carleton, he's helping to build a legacy that will shape the future of graduate education in architecture and design.

By Nancy Lewis



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From high rises to high fashion, these Carleton architecture and design grads have taken New York City by storm. They have each used the skills they've acquired at Carleton in a completely different way to become a leader in their chosen field. Meet these dynamic alumni who are "making it" in the Big Apple.

- ♥ Gelsomina Petti, BArch/86
- ♥ Karim Rashid, BID/82
- ♥ Harley Swedler, BArch/86
- ♥ Simon Wutherich, BArch/98



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On the cover

David Azrieli,
C.M., C.Q.,
MArch/97

Photo by:
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CU Magazine Interactive Poll

Whatever the subject — from admissions standards to academic excellence, brain drain to budget constraints, technology to tuition fees, here's your chance to have your say on today's hot topics in higher education.

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From the top

For the first time in many years, the Carleton campus will soon be dotted with construction cranes.

The presence of heavy machinery will signal the start of an extensive building program this summer that will provide the necessary space for future enrolment growth and will dramatically change, and improve, the look of the campus. The impact of this construction will be wide-ranging and will enhance the physical space for every academic department on campus.

Unlike previous building booms in the early 60s and late 80s, construction will be guided by a Campus Master Plan that

provides a long-range vision and flexible planning tools to allow the university to respond to its changing circumstances.

Over the next three years, Carleton will spend more than \$100 million to develop the campus infrastructure. A large part of that activity is being funded through the \$40 million received through the Ontario government's SuperBuild program. I am particularly pleased to report that we're the only university in the province that received full funding for its SuperBuild application. Full details of the construction projects being undertaken through this program, as well as through funding from private donors and the Canadian Foundation for Innovation, are described in this issue's Upfront feature.

Other construction projects on the list this summer include a Light Rail Transit station to be built by the regional government on Carleton's campus. The station



will include a new pedestrian underpass to replace the "culvert" under the tracks that will greatly improve campus accessibility and enhance pedestrian movement on campus.

New landscaping and signage for the Bronson edge of the campus will better define Carleton's boundaries and provide more visibility and recognition for the university from this high traffic area. The Regional Municipality of Ottawa-Carleton is providing matching funding for tree planting along this edge as well. We'll complete the Bronson/Sunnyside entrance this summer and will improve access through the Brewer Park entrance in the summer of 2001.

Very soon we expect to enter into an innovative partnership with a private sector firm (led by a Carleton alumnus) to construct a soccer dome on campus. Carleton will provide a ground lease for the facility and, in turn, will have access to the field for our intramural and varsity teams.

And last but not least, we're proposing to build a new residence to accommodate 400 additional students in an apartment-style facility. The success of the proposal will depend on construction costs and the need for the facility to be self-financing. The Board of Governors will consider the plan in June 2000.

The impact of all these changes will be dramatic. But in keeping with our vision of the campus, the plans should create a more attractive space that will improve and enhance the academic experience of the 18,000 full-time students expected in 2005.

Duncan Watt
Vice-President,
Finance and Administration

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Welcome to *Carleton University Magazine Online*, the interactive version of your favourite alumni magazine. The online version of the magazine is a valuable information source for readers. It also offers a host of interactive features to engage you in ways that are difficult — if not impossible — to do in print. Bookmark us now so you can access your favourite news source 24 hours a day, seven days a week.

Plug into our Web site to:

- Vote on issues that concern you with our new e-polling feature
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- Submit news to Class Acts, updated every two months online
- Write a letter to the editor
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In addition to the features listed above, watch for more interactive items over the next year. And be sure to let us know how you like the magazine. We hope you find it as exciting as we do.



STAYING IN TOUCH Homecoming 2000



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You and your guests are invited to participate in the Carleton University Homecoming 2000, being held on the weekend of October 12-15, 2000

WHAT'S ON?

Friday October 13

- Opening of Reader's Digest Resource Room – School of Journalism
- Special Reunions (see back)
- Presidents' Recognition Reception, including Alumni Entrepreneur of the Year and Alumni of the Year Awards.

Saturday October 14

- President's Advisory Council Annual General Meeting
- Carleton University Alumni Association Annual General Meeting
- Unveiling of the Alumni "Wall of Fame"

- Kroeger College Campaign Celebration
- Panel Discussion: *Everyone's Business - Commerce, the Media and the Public*
- Chancellor's Dinner (Classes of 1942-1970)

Sunday October 15

- President's Brunch and Fond Farewells

Throughout Homecoming

- St. Patrick's College Reunion
- House-Laughton Basketball Tournament
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ACTIVITIES INCLUDE:

Friday October 13

- Meet & Greet Night: 5:30 pm Ottawa Hunt & Golf Club

Saturday October 14

- Dinner Dance: Ottawa Congress Centre

Sunday October 15

- 11:00 O'Clock Mass: St. Patrick's Basilica
- Brunch and Fond Farewells

(100 rooms available for SPC Reunion guests at The Delta Ottawa Hotel & Suites and The Hampton Inn at reduced rates until September 13, 2000)

SPECIAL REUNIONS

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- Carleton University Students' Association
- Rideau River Residence Association

Graduates of:

- School of Journalism and Communication
- School of Public Administration
- School of Canadian Studies
- School of Business
- Bachelor of International Business Program
- Faculty of Engineering and Design

Interested in getting involved and/or volunteering on a committee?

Please contact Connie Lebrun at (613) 520-3636 or e-mail at connie_lebrun@carleton.ca





Editor's welcome

With the characteristic wonder of a six-year-old, my son recently exclaimed that someday he'd like to build a house with a tunnel from his second-storey bedroom so he could slide downstairs to the playground.

I told him, "Oh, you'd like to be an architect when you grow up." He looked at me blankly and asked, "What's an architect?"

That brought to mind this issue of *Carleton University Magazine* which is devoted to the topic of architecture and design. These professions are broad in scope and not easily defined.

Carleton's School of Architecture and School of Industrial Design are both recognized as the finest in Canada and among the best in North America. Graduates from these programs are scattered across the globe in traditional and non-traditional practices including graphic design, fashion design, film-making, even computer animation. We're pleased to profile a sample of these superb professionals who are making their mark both at home and abroad.

One of these people is Montreal architect David Azrieli, C.M., C.Q., MArch/97. In this issue's cover story, we trace his fascinating journey from Poland as a Holocaust survivor to his current success as a world renowned builder of skyscrapers, shopping malls and office towers. With his recent \$2.7 million gift to the uni-

versity, Azrieli is now helping to build a legacy at Carleton that will shape the future of graduate education in architecture and design.

The soon-to-be-constructed David J. Azrieli Pavilion is just part of a massive infrastructure renewal Carleton is embarking on this year thanks to an influx of \$40 million in SuperBuild grants from the province. In our Upfront feature, Richard Martin examines the blueprints on this and other exciting projects.

We also take our readers on a tour of Carleton's campus through the eyes of a faculty expert in an attempt to debunk Carleton's reputation for its "dismal" architecture and to give architectural credit where credit is due.

Today's emerging technologies are continuing to redefine the professions of architecture and design. Master of journalism student Anna Nicolle looks at current industry trends and talks to several graduates who are putting their talents to work in the virtual realm.

David Azrieli's extraordinary career has spanned five decades and crossed several continents. During this time he's witnessed the evolution of architecture. Still, he firmly believes that the essential philosophy of architecture—creating space for the user to enjoy—is still paramount.

I think my son may have a bright future ahead of him.

Nancy Lewis

Seeking volunteer writers

Applications are being sought to fill a vacancy on the **Editorial Advisory Committee** for *Carleton University Magazine*.

Volunteer members-at-large serve for a three-year term by offering advice, assistance and creative input to the magazine by writing feature articles, proof-reading and advising the editor on matters of content, design and production.

If you are a graduate of Carleton University and are interested in joining the committee, please contact Nancy Lewis at (613) 520-2600 ext. 8978 or nancy_lewis@carleton.ca.



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Carleton University Magazine is a member of the Canadian Council for the Advancement of Education (CCAEE).

Advertisers call Nancy Lewis at (613) 520-3636 or email nancy_lewis@carleton.ca

Magazine Mission Statement

Carleton University Magazine is published by the university regularly throughout the year for the university's alumni and friends. The magazine is the university's primary vehicle for providing information on activities and events within our community; on the accomplishments of alumni, faculty and students; and on significant issues and developments within the university community and the alumni association. The magazine's principal aims are: to inform its audience in an accurate and timely fashion; to stimulate interest in the university and the alumni association; to encourage the university's alumni and friends to understand and support Carleton's mission; to foster pride in the institution; to facilitate awareness and involvement on the part of alumni around the world; and to create and maintain good will. The magazine is distributed to 62,000 alumni world-wide.

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Publication Mail Agreement
No. 1495186

ISSN 0226-5389



Printed on recycled paper

A taxing issue

I must take issue with the letter submitted by Marc Morin, "High taxes, low wages drive grads to U.S." published in the Winter 2000 issue of *Carleton University Magazine*.

The reason I write this letter is because in April I will be starting a job in Boston. My reasons for leaving Canada have nothing to do with high taxes and low wages. Indeed, I am not leaving Canada to reduce my taxes; I am leaving Canada so that I can pay taxes.

After a little over three years in the federal public service, I was laid off. I found opportunities in the federal public service to be few and far between. So I focussed on the non-profit sector but found few opportunities there as well.

Fortunately, I took out U.S. citizenship (my dad is a U.S. citizen and I had a claim to U.S. citizenship) before the layoff and found there were more opportunities in my areas of interest. Eventually, this pursuit paid off.

While I would agree that the unemployment rate in the U.S. is lower than in Canada, one must take a number of factors into consideration. First, the U.S. Department of Labor includes the prison population in its employment statistics and thus the U.S. unemployment rate is artificially low.

Second, it is important to remember that for every doctor, accountant or engineer, there is a person working two or three jobs trying to keep themselves and their families afloat. Many of these people do not have health insurance of any kind or their coverage is limited by an HMO. There are many U.S. states (including Arizona, where Mr. Morin resides) that have weak labor laws. Often there is no minimum wage and it is a right to work state where unions have tremendous difficulty organizing.

In recent times, a number of U.S. cities like Milwaukee and San Francisco have passed living wage ordinances that require companies in receipt of government money to pay their workers enough so they can meet their needs and enjoy the fruits of their labour.

I am grateful for the opportunity that I have in the U.S. But I will not let it blind me to the fact that the majority of people are not sharing in its prosperity.

Contrary to popular belief, debt levels in Canada have risen primarily because of interest rates and tax expenditure not program spending. Social programs have been unfairly and inappropriately blamed for our debt. Yet these are some of the things that have helped to make Canada a wonderful place to live and are significant factors as to why Canada consistently ranks number one on the United Nations' Quality of Life Index.

Sadly, there are those who see these programs only as burdens and not investments. To paraphrase Oscar Wilde, some people see the price of everything and the value of nothing.

*Aaron Goldstein, BAHons/95
Boston, Massachusetts*

Comparing A and A+

I feel that I must respond to the letter of Carleton grad Marc Morin entitled "High taxes, low wages drive grads to U.S.", which appeared in the Winter 2000 edition.

I will not dispute the statistics quoted by Mr Morin, but will simply respond to his paragraph of numbers by repeating two wise and well-worn adages: (1) "There are three kinds of lies: lies, damn lies, and statistics." - Benjamin Disraeli; (2) "Statistics are like bikinis. What they reveal is suggestive, but what they conceal is vital." - Aaron Levenstein.

What I must take issue with, however, are Mr Morin's statements that (1) in Canada "hard work and initiative are punished rather than rewarded" and (2) "the Canadian government is gambling with our future while it is thoroughly addicted to spending unearned revenues without restraint." These statements, as I am sure most of your readers will agree, are completely untrue.



The healthy, vibrant, and expanding high-tech sector in the Ottawa valley is certainly a testament to the Canadian ethic of entrepreneurship and the rewards that certainly are reaped in this country when one takes initiative and works hard. As for the portrayal of irresponsible governments on wild spending sprees, years of public-sector cutbacks, layoffs, and recent tax cuts at both provincial and federal levels certainly don't bear this out.

Overall, perhaps the financial reward of working in the U.S. is greater than that available in Canada. But, when making this comparison, we should keep in mind that we are, in effect, comparing grades of A and A+. Personally, my choice is to accept the A and remain in the country that I love.

*Bill Carman, BScHons/83
Ottawa, Ontario*

E-Poll

Q: Is Canada's tax system and economic climate driving Canadian "brains" to the south?

Enter your vote online at www.magazine.carleton.ca

Peace of mind

Dear Marc: thanks for leaving—we appreciate it, that is, those of us who don't mind extra tax for the peace of mind we get from a health system that works for everyone.

It may be in trouble, but at least everyone is covered for those welfare benefits, government employee pensions (by the way there are very generous government pensions in the U.S.) and unemployment

benefits, paid for by me and most other caring Canadians.

I really find it hard to believe that anyone could say that "My wife and I love Canada in the deepest part of our hearts and bemoan that we had to leave." I guess there is a certain lack of understanding here on someone's part. But enjoy the sun and don't call us...

Gary King, BA/77, BAHons/79, MA/84
Ottawa, Ontario

Criminology shaped his life and his destiny

On November 12, 1999, a United Nations plane chartered by the World Food Programme crashed into the side of a mountain about 50 feet from its summit and a mere 25 nautical miles from the aerodrome in Pristina, Kosovo. All 21 passengers and three crew were killed.

The lone Canadian aboard was a senior project manager with Correctional Services Canada, International Relations Division. Dan Rowan, 34, was on his way into Pristina for a 16-day assignment with the United Nations. Corrections Canada, the Department of Foreign Affairs and International Trade, and the Canadian International Development Agency were asked to provide their expertise in the rebuilding of the judicial, legal, and prison systems in Kosovo following its civil war. Dan's mandate was to oversee the implementation of a new parole and prison system, an assignment he was extremely excited about. He had a profound understanding of what would be needed in this challenging environment. Dan Rowan was a Carleton University graduate, 1987, with degrees in criminology and criminal justice as well as political science, two areas of interest that shaped his life and eventually his destiny.



Dan Rowan

Dan was a remarkable young man with a variety of interests. He played football in high school and would eventually play centre for the Ottawa Sooners organization. He was an accomplished runner and sailor who enjoyed reading. He was a man of character, principles and integrity, with an amazing sense of humour. He was a caring husband, father, son and brother.

On a balmy day on November 23, 1999, a Corrections Canada honour guard escorted his flag-draped coffin into a Kanata church where over 500 of his family, friends, colleagues, government officials, and dignitaries gathered to say good-bye to a gentle man with a gentle spirit. His wife of five years, Pierangela, is left to raise their two beautiful children, Elena, four, and Michael, one. Other surviving family members are his mother Maureen, his stepfather Ruff, brother Sean, sisters Cathy and myself, Mary-Ann, as well as all of his extended family who loved him dearly. Our father, Stanley, died when Dan was 10 years old, and is now with him.

The impact this "gentle polar bear" had on everyone who met him is truly remarkable. I personally take extreme pride in saying that I am Dan Rowan's sister. He had a wonderful sense of being an incredible human being and an incredible brother. In his all too short life he touched many people and with his passing I believe we are all the poorer. May God rest his soul. Love ya Dan.

Mary-Ann Rowan, BA/85,
Kanata, Ontario

Rave review

Congratulations! I have just finished reviewing your online magazine and enjoyed it tremendously. Keep it up.

Pierre Bouchard, BEng/73
Ottawa, Ontario

Cover shot disappointing

It is disappointing that the cover of the Winter 2000 Carleton University Magazine implicitly perpetuates stale gender politics. The men in the "Leading the Way" picture are all shown standing higher than the women and implicitly ready for movement and action. The women are all shown seated, implicitly sedate and subservient. One of the women is shown actually seated on the floor, and two of the others are relegated to the edges of the picture, whereas all the men are in the centre focus.

The women are at least shown in the foreground and not hidden or obscured, and the centre focus of the picture is a woman, so the picture is not hopeless—but it could have been better composed.

Walter Roberson, BSc/85
Winnipeg, Manitoba

Book scores with fan

As a football fan living in Ottawa, I was delighted to read *Turnover: The Fumbling of the Ottawa Rough Riders*, by Carleton grad Brent Dowdall. While the subject was painful, the book was delightful. Let's hope his next book is about the team's rebirth!

Brian Newman,
Ottawa, Ontario

Carleton University Magazine welcomes the submission of letters by its readers. Please write to us at the address below or e-mail nancy_lewis@carleton.ca

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Building a legacy

For more than half a century, David Azrieli, C.M., C.Q., MArch/97, has worked to make his mark on the world as a designer and architect.

He's renowned in Canada, the U.S. and the Middle East for his stunning skyscrapers, shopping malls and office towers.

Now, at age 78, he's helping to build a legacy at Carleton that will shape the future of graduate education in architecture and design.

By Nancy Lewis



Left to right: Samy Mahmoud, Dean of the Faculty of Engineering and Design; David Azrieli; Martin Bressani, Associate Professor of Architecture; and Ben Gianni, Director, School of Architecture.

David Azrieli might not be a household name in Canada, but type in a query on the World Wide Web and you'll quickly discover the magnitude of this architect's remarkable life and career. Search engines pull up more than 100 related sites and articles, including two of his own dedicated Web pages.

Azrieli, MArch/97, head of Montreal-based Canpro Investments Ltd., is renowned in Israel for creating some of the Middle East's largest developments including state of the art skyscrapers, office complexes and the famous Azrieli Center, Tel Aviv's massive 3.4 million square-foot commercial complex which opened in 1998.

His work as a designer and a developer has earned him many prestigious honours including the Order of Canada, the Order of Quebec and the State of Israel Jubilee Award. He's been awarded numerous honorary degrees from universities around the world.

But in many ways, it is Azrieli's tragic and heroic past as a Holocaust survivor that makes his life story so compelling.

Azrieli's escape from Nazi-occupied Poland is chronicled in a new memoir titled *One Step Ahead*. The biography, written by his daughter Danna, was published in Hebrew in 1999 and is available in Israeli bookstores. The English version is due to be released soon in Canada. The book was inspired by an emotional journey in 1990 to Poland and Russia where Azrieli, Danna and his eldest daughter Naomi retraced the route of his escape.

Azrieli was just 17 years old when he was forced to leave his parents' home in Poland in 1939. His parents and little sister were killed at Auschwitz. His younger brother was captured by the Soviets and never heard from again. An older brother, imprisoned at a work camp in Siberia, survived and now lives with his family in Israel.

By chance or destiny

It was a combination of sheer luck and shrewd insight that enabled Azrieli to survive. His daughter's book recounts



David Azrieli's biography, One Step Ahead, was written by his daughter Danna.

how Azrieli would befriend people—both Jewish and non-Jewish—in towns along his escape route who would assist him by hiding him in wagons, or disguising him as an Arab peasant.

This knack for self-preservation, says Danna, is one of the reasons her father is so successful as a businessman today. "He was always running and always managed to stay one step ahead of the Germans," she says. "My father is an intensely focused and optimistic person. He never loses sight of his goals. When all the odds are against him, he sticks to his focus and he inevitably succeeds."

Two homelands

After Azrieli's turbulent escape from Poland in 1939 and journey through Russia and Central Asia in 1940-1941, he arrived alone in Palestine in 1942. Working at many jobs to support himself, he also began to study architecture at Haifa's Technion University. In 1948, Israel's War of Independence broke out and he interrupted his studies to join the Israeli Defense Force, and then, the Israeli Air Force.

In the 1950s, Azrieli traveled to destinations around the world including South Africa, England, Western Europe, the United States and Canada. He

moved to Montreal in 1954 where he met his wife Stephanie. Together they raised four children: Rafi, Sharon, Naomi and Danna. They have three grandsons.

Azrieli's success in Canada was steady and far-reaching and included not only his rise as one of Montreal's most prominent businessmen but as a leader in the development and management of commercial real estate markets in Canada and the United States. His contribution to the economic growth of the Gatineau area and, in fact, the national capital region is evidenced by one of the area's most successful shopping centers, *Les Promenades de l'Outaouais*. Over the years, Azrieli has also contributed his time and resources to the community through philanthropic work, including the establishment of a fellowship at Concordia University in Montreal.

Through it all he never forgot his past. His strong connection to Israel led Azrieli to look for an opportunity to build in his homeland. He built the country's first enclosed shopping mall in a suburb of Tel-Aviv in 1986. His innovations and foresight earned him a reputation as a pioneer in the development of shopping centres in Israel and the Middle East. He says of his achievements on both sides of the ocean, "I have been blessed to have had the opportunity to focus on what I love to do in the places that I love most—to build and design in Israel and Canada. This passion for my work and for my homelands is what has led to my success."

Crowning achievement

Azrieli's "crowning" achievement is Israel's \$400-million (U.S.) commercial complex which bears his name. The Azrieli Center, www.azrieli-center.co.il, contains a shopping mall specializing in fashion, and is topped by three high-rise towers of blue glass set in a bold white frame representing the blue of the Mediterranean and the white of the Tel Aviv beach. The centre houses offices, a hotel, cinemas, an amphitheatre, art gallery, health spa and a swimming

pool. A 50-storey circular tower even has a heliport on the roof.

Azrieli's penchant for building shopping malls grew out of his childhood dream of becoming a fashion designer. His father manufactured women's clothing and furs in Poland, an occupation that eventually would shape Azrieli's own career. He recalls spending hours reading international fashion magazines and sketching models and women's clothing.

"I was fascinated with the various designs of Paris at the time," he says. "But I found that I could express my ideas—the fulfillment of my work—in architecture as well as I could have in fashion."

The two vocations are not so different, he adds. They both start out with a vision. He sees a picture in his imagination and envisions a final product in every detail before he puts it on paper. "I was blessed with my ability to see a building almost totally completed in a multi-dimensional way before I even set my pencil to paper."

Azrieli has witnessed an evolution in the design profession during a career that has spanned five decades. Even so, he maintains that architecture's basic philosophy remains unchanged.

"Space has to be created for the user to enjoy. The design of the building, the complex, must complement their activities of life."

Capping his success

Azrieli recently capped his professional career by fulfilling a lifelong personal dream. At the age of 73 he went back to school to continue his studies in architecture, graduating from Carleton with a master's degree in 1997. The convocation ceremony brought full circle an academic journey that began more than half a century earlier.

"I always felt it would be exciting to go back and submerge myself in study to complement all those years of practical work," he says. "I found the vocabulary to express my own ideas and to get a

better understanding of what I believe architecture is all about."

Attending university was for Azrieli "a very exciting dimension in my life...like a total detachment." He completed his degree in just three semesters, passing with distinction and producing a thesis of "extremely high scholarly quality," according to his thesis adviser, Martin Bressani.

"I found out that I can very well stand on my own and be as good, or perhaps even better, than some of the younger architects," he says proudly. "It reaffirmed to me that the experience, the reading and the studying that I have done over the years is very much accepted and appreciated by the faculty."

Leaving a legacy

Now, Azrieli is leaving his mark on Carleton's campus in a permanent way. A generous \$2.7-million donation to the university will allow Carleton to enhance its renowned master of architecture

program for the advanced study of architecture."

Approximately \$1.7 million will be used to construct a new classroom complex to be called the David J. Azrieli Pavilion. The new space will include architecture studios, seminar rooms, computer labs and offices. Construction is expected to start in the fall of 2001 with the building ready for occupancy by January 2002.

An additional \$1 million will provide a permanent endowment for Carleton's graduate program in architecture. The annual earnings will be used to provide enhancements and special features for the graduate program that will be renamed the David J. Azrieli Institute for Graduate Studies in Architecture.

Samy Mahmoud, Dean of the Faculty of Engineering and Design, says the private support from Azrieli played a key role in Carleton's ability to get \$40 million in infrastructure grants this spring from the Ontario government.

"It's very encouraging when you get a vote of confidence from a person with Mr. Azrieli's stature and public reputation. It really does give a lot of credibility that we have total support from prominent people in the private sector."

Creating an expanded graduate program in architecture has been one of Carleton's top strategic priorities, adds Mahmoud. He credits Azrieli's donation with helping to make the university's vision a reality.

"We've realized two dreams here," Mahmoud says. "David really loves the graduate program. He enjoyed his stay here and he really wanted to leave behind a legacy. For us, it's a realization of a dream we had...to transform the project from a concept into something real that will actually be built."

Azrieli says the Carleton project is "part of my vision of contributing to the education of architects." In 1994, he established The David Azrieli School of Architecture at Tel Aviv University

where he also sponsors a Chair in Urban and Environmental Architecture, as well as a Chair in Architecture and Town Planning and a Computer Lab for the Faculty of Architecture at the Technion Israel Institute of Technology.

Living a dream

After successfully conquering the worlds of business and academia, raising a family and finding joy in philanthropy, what more could one hope for in life?

"I suppose I will never stop dreaming," Azrieli says. "My dream will be a continuation very much of what I'm doing now. I'm happy. I enjoy my work. It's my vocation, my love. I would not do anything else if I had to do it over again."



School of Architecture Facts

1995

After 30 years of offering only the BArch degree, a post-professional Master of Architecture degree is approved making Carleton the first School of Architecture in Ontario to offer graduate studies.

1997

A new Design and Technology stream is introduced in the MArch program. The first degree in the area of new media design in the university, it draws on the resources of Architecture, Industrial Design, Psychology, and Computer Science.

1998

The five-year Bachelor of Architecture program is transformed into a two-degree sequence: A four-year (non-professional) Bachelor of Architectural Studies followed by a two-year (professional) Master of Architecture. The program is being phased in over a six-year period starting with the 1998-99 academic year.

1999

The School of Architecture creates the Carleton Centre for Applied Architectural Research as an extension of the research-based, post-professional MArch degree.

2001

Construction is scheduled to begin on the David J. Azrieli Pavilion, the new classroom pavilion which will house the professional Master of Architecture program at Carleton.

Summer 2002

Expected completion date for the David J. Azrieli Pavilion.

More info: www.arch.carleton.ca



Carleton Chancellor Arthur Kroeger, right, congratulates David Azrieli at spring convocation in 1997.

program and build a dedicated facility to house the graduate program.

"I found in Carleton a school that I very much admire," he explains. "It is a truly exciting opportunity for me to have my name connected with the graduate

Back to the drawing board

Carleton University is rolling out the blueprints this spring thanks to its successful application for \$40 million in infrastructure renewal grants from the Ontario government's SuperBuild program.

By Richard Martin

Darryl Boyce, Carleton's Director of Physical Plant, is up to his ELBAs in work, thanks to the university's successful application for \$40 million in infrastructure renewal under the Ontario government's SuperBuild program.

Carleton was the most successful school in the region, receiving every dollar it requested. The money will go toward extra classroom and laboratory space, improved teaching and research facilities in the Faculty of Science, enhanced research and private sector partnerships and a new joint program in information technology between Carleton and Algonquin College.

The first item on Boyce's to-do list is the biology project—the construction of a two-storey building adjoining the Environmental Laboratories Biology Annex (ELBA) and renovations of the existing building to accommodate the move of most of the Department of Biology from the Tory Building. That means he's busy surveying the site, taking soil samples, thinking about temporary facilities, coordinating consultant teams and selecting a construction manager. The \$7.2-million project is slated for completion by August 2001.

While he's doing all that, Boyce will also be organizing the \$2.5-million renovation of the Steacie Building to accommodate the Earth Sciences Department. Teaching areas should be ready by August 2000 and research areas by December 2000.

It all makes for "pretty hectic times," he admits. It will be a challenge to "find creative ways to get the job done." But when it's done, the Tory Building will stand empty, ready for the next step in the renewal program—a \$20-million rejuvenation of the oldest building on campus.

Duncan Watt, Vice-President, Finance and Administration, calls the Tory Building "the most pressing campus infrastructure question." The building, he says, is in "very bad physical condition." Boyce is more blunt, describing the space currently occupied by biology and earth sciences as "cruddy."

Biology Professor and former Director of the College of Natural Sciences, Iain Lambert, agrees that conditions in Tory are abysmal, "what with the mice, the squirrels, and the racoons and all." And he's not talking about experimental subjects. Leaking taps and other unsafe conditions have meant that research activity has had to be shut down, making it impossible to maintain the current level of research in biology, let alone grow it.

Boyce calculates that 85 percent of the academic and administrative space on campus is more than 25 years old and that 35 percent is more than 35 years old. He notes internal systems such as plumbing, heating and ventilation last 25 years; roofs, 20-25 years; wiring, 30 years. The Tory Building, finished in 1957, is 43 years old.

It will be stripped down to its concrete skeleton and refitted. Even the cladding will be replaced. The result will be virtually a new building, containing classrooms for the Facul-



Dean of Engineering and Design Samy Mahmoud, left, meets with Ben Gianni, Director of the School of Architecture, right, and Darryl Boyce, Carleton's Director of Physical Plant, to review the university's infrastructure renewal plans.

ties of Arts and Social Sciences and Public Affairs and Management, as well as computer labs for computer science, mathematics and statistics

As well, the new Tory Building will contain facilities for streamlined student services. Right now, Watt concedes, Carleton is "student unfriendly," with offices and services arranged to suit the university rather than the students. In the new building, students will enjoy "one-stop shopping" — they'll be able to get academic advising, pay fees, buy a parking permit, order a transcript, maybe even buy a lab coat, all under one roof.

The work on the Tory Building should be completed by August 2002, just in time to welcome the so-called "double cohort" to Carleton. A result of the Ontario government's decision to eliminate grade 13, the double cohort will bring students graduating from both grade 12 and the Ontario academic credit level to Carleton in fall of 2003.

At the same time, the baby boom echo will come knocking on Carleton's doors. The university anticipates a growth of up to 4,400 students by 2004. In all, 88,000 more students will enroll in Ontario post-secondary institutions in 2005 than did in 1998.

That's why the Ontario government is spending \$742 million this year to build and modernize universities and colleges, the largest capital investment in Ontario's colleges and universities in more than 30 years. The SuperBuild funds are intended to ensure that every willing and qualified student in the province has access to a post-secondary education.

Making her announcement at Carleton on February 23, Minister of Training, Colleges and Universities Dianne Cunningham, said, "SuperBuild is much more than an announcement about buildings. It's an investment in Ontario. It will help insure that Ontario students receive the quality education they deserve."



Tory: \$20-million rejuvenation



Steacie: \$2.5 million for earth sciences



Herzberg: computer science, mathematics and statistics

This funding, says Carleton President Richard Van Loon, will help the university provide "the finest possible learning experience for our students and continuing excellence in our research activities."

Further funding from public and private sectors should bring the total value of the investment across the province to \$1.4 billion. And Carleton has already won its share of this non-government funding.

The other major building project on Boyce's drawing board is a major centre for research and education in high technology at Carleton. The new building will house advanced high-tech labs for a brand new "visionary" program in information technology. The new Bachelor of Applied Science is to be launched at Carleton in 2002 as a joint undergraduate degree/diploma program with Algonquin College.

The new building will also contain a classroom pavilion with all of the latest bells and whistles, including lecture theatres equipped with digital multi-media facilities to support and enhance instructional television. The top floor will be dedicated to an expansion of the graduate program in architecture. Carleton alumnus David Azrieli, MArch/97, is donating \$1.7 million to establish a dedicated facility for the master's program in architecture and a further \$1 million to endow the program. (See cover story.) As well, the Canada Foundation for Innovation is kicking in \$2.75 million for research space in this building for the National Capital Institute of Telecommunications.

"You really need the infrastructure when you're trying to offer IT programs," says Samy Mahmoud, Carleton's Dean of the Faculty of Engineering and Design. "This building complements what we have and gives us the facilities that will enable us to expand and to claim our rightful place as IT leaders in Canada."

Construction of the \$14-million building is scheduled to start in the summer of 2001. It will open the following summer.

As if all this isn't enough, Carleton is also upgrading all of its classrooms. The seats, blackboards, lighting, and the instructional technology available in each room will be improved over this summer

What got funded at Carleton

- construction of a classroom pavilion with lecture theatres equipped with digital facilities to support and enhance instructional television programming (itv);
- additional floors in the pavilion for the use of the National Capital Institute of Telecommunications, an expanded graduate program in architecture, and a joint undergraduate degree/diploma program in information technology which will be developed with Algonquin College;
- conversion of the Tory Building to a centralized student services, additional classrooms, and computer laboratories for the Schools of Computer Science and Mathematics and Statistics;
- construction of a two-storey building adjoining the Environmental Laboratories (ELBA) and the renovation of ELBA to accommodate the move of most of the Biology Department from the Tory Building;
- renovation of the Steacie Chemistry Building to provide space for earth sciences;
- renovation of the Herzberg Building for the Schools of Computer Science and Mathematics and Statistics.

and the next. Renovations to the Herzberg building for the Schools of Mathematics and Statistics and Computer Science will be finished by December 2000.

In all, Carleton will be spending \$54.45 million over the next two years to provide a better learning environment for students and a better working environment for its faculty and staff.

Watt notes that research in the U.S. suggests that the general appearance of a campus is a significant factor in students' selecting a university. While that level of competition for students hasn't yet arrived in Canada, the renewal of the campus will better position Carleton when it does happen.



Richard Martin, BAHons/70, BJ/83, is on sabbatical from teaching at Algonquin College in Nepean, Ontario.

Through the eyes of an expert

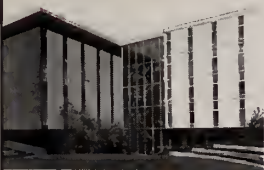
In a recent letter to the editor of Carleton University Magazine, Ralph Wiesbrock, BArch/93, took us to task for not giving credit in a previous article to the architects who designed the Minto CASE expansion. (See story in Donor Report.) He also commented on the generally "dismal architectural quality of the campus." In an effort to deal with both of these issues, we asked Professor Stan Loten of the School of Architecture to take us on a tour of Carleton's campus to show our readers how some mainstream styles of modern architecture have found a home here and to give architectural credit where credit is due.



Stan Loten

Paterson Hall (1957)

—Designed by Carmen Corniel, who then was working in the office of Hart Massey, the noted Canadian industrialist. Constructed at the same time as the Tory Building and the MacOdrum Library, Paterson Hall is the closest we have to the "ideal of efficiency" of the European international/modern style. "Truth to materials" and "form follows function" are its two most representative dicta. The style is characterized by a dominance of geometric, especially rectilinear, forms; large expanses of glazing (as in the original Tory Building); and white rendered walls. "The building seems to be composed of floating planes," says Loten. "In the international style, structural members are as light as possible, the materials do not appear heavy, and the surfaces are neutral." The stairwell that connects the front and back halves is light and airy, even "spare, with nothing wasted." The use of similar materials inside and out creates consistency. As the photograph shows, the back of Paterson Hall was originally clad in the same white metal sheathing as the front.



brick stairwells alternate with classroom/office blocks that combine horizontal opaque panels with rows of windows. The result, says Loten is "simple, prismatic volumes" with sharp, clean edges. Inside, the lobbies and other public areas flow from the first to the third floors, the space being "precisely defined in some places, and leaking out in others," a characteristic of the work



of Frank Lloyd Wright. The public spaces also feature exposed concrete ceilings and light fixtures, and blond wood highlights that soften the harder edged materials.

Architecture Building (1972)

—Designed by Carmen Corniel and Jeffrey Stinson. This building and Paterson Hall are "the two most ideologically driven and rigorously approached" buildings on campus, Loten says, with Architecture being anti-Paterson in both style and form. It is an excellent didactic building, he says, because "you can see exactly what's there" in the exposed concrete, lighting and mechanical systems. This is a characteristic of brutalism, a term coined in 1954 by the English husband and wife team of Alison and Peter Smithson. This style, says Loten, is "brutally honest" in its approach to materials. It nearly always uses concrete exposed at its roughest (béton brut) and handled with

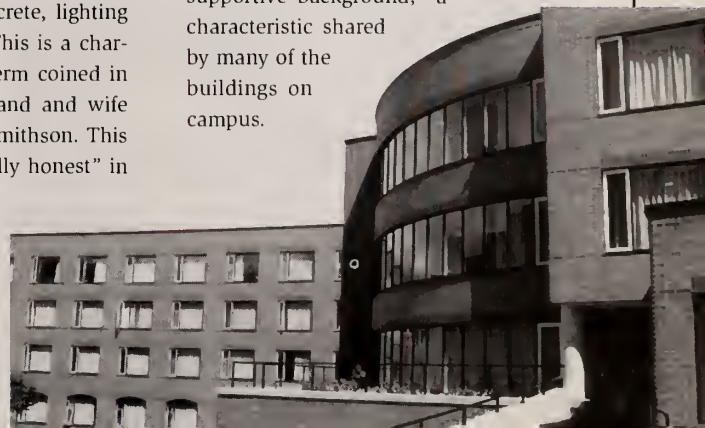
overemphasis on big chunky members which collide ruthlessly. The University Centre shares some of these features, but not as consistently. The Smithsons' principal influences were the symmetry and clarity of form of Le Corbusier and Ludwig Mies van der Rohe. Loten notes that the building is basically a square box, with an "upper street" set at a right angle to a "lower street." Lanes and alleys branch off from the streets, creating the effect of a three-dimensional city. Workspaces are conceptualized as a 'factory floor,' an environment ideally suited to experimentation and production. Loten concedes that the building can be "almost obnoxious" at times, but that's the idea: it has "a presence and an impact lacking in buildings that are more polite." The students, he adds, think of it as "their building."

Stormont-Dundas (1991)

—Designed by Tony Griffiths of Griffiths, Rankin and Cooke. The most recently constructed residence on campus, this understated building is "beyond ideology," Loten says, which makes it a good contrast to the Architecture Building. It's a "relaxed and careful" structure, full of subtle detail, such as the arched windows on the ground floor and the rounded brick on the corners. It is easy to read from the outside, he notes, with contrasting sections of residence rooms and public spaces clearly evident in the groupings of windows. Interestingly, its lack of a prominent entrance is a characteristic of early Modernism. Loten says this building meets his own ideal of a building as "a quietly supportive background," a characteristic shared by many of the buildings on campus.

Loeb Building (1967)

—Designed by Jim Stutt, and supervised by Watson, Balharrie Architects. Inspired by the American architect Louis Kahn, whose work provides a transition between modernism and post-modernism, the Loeb is a series of towers placed asymmetrically along the Rideau River. Solid

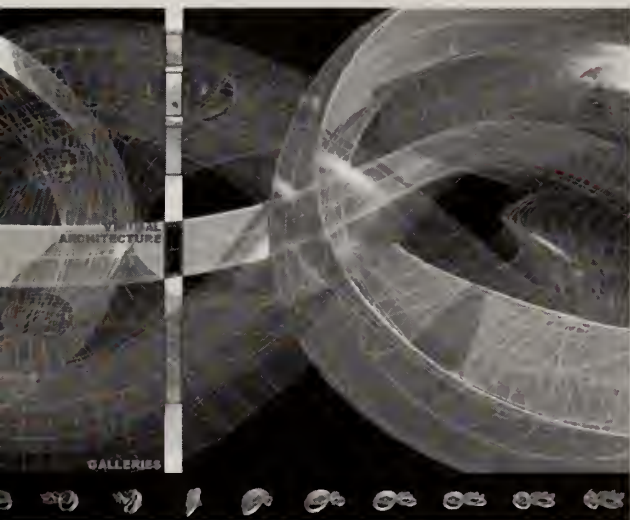


Architecture in the Virtual Realm

The technology of the virtual world is changing the way we interact with each other, conduct business and experience culture. And it's dramatically changing the world of architecture.

By Anna Nicolle

Imagine a visit to the Sydney Opera House, the Eiffel Tower and the Guggenheim Museum. Picture yourself standing at the threshold of these architectural wonders and craning your neck to take in their form and beauty. Imagine the sounds of traffic going by, the feel of concrete under your feet and the touch of other people brushing past you to enter these famous public spaces.



This rendering of the virtual Guggenheim Museum shows the wire-framing detail of the galleries' structures. The vertical bar bisecting it is a navigational tool that passes back and forth through the structure allowing the viewer to access various zones of operation. The smaller images, below right, show the different states of the structure as the viewer moves through it.

Now imagine entering a new world of public space. Picture yourself on a private tour of a fascinating structure. You choose what you wish to see first and then wander through beautiful rooms at your own pace. You're awed by the spaces of light and air created for you by the most innovative minds in architecture today.

There is such a place. It's as real as the Guggenheim, but it exists in the virtual world.

Architect Lise Anne Couture, BArch/83, is a pioneer in this innovative new industry. Her New York City firm, Asymptote Architects, www.asymptote.net, is designing such a space that will allow people the world over to visit the Guggenheim and experience its culture without ever having to leave their own homes.

"This is to be understood as yet another Guggenheim Museum. It's not a replication of any existing museum or a representation of any existing museum. It's a new entity. It's a virtual museum," says Couture.

Opening this spring, The Guggenheim Virtual Museum, www.guggenheim.org, is billed as the "first important virtual building of the 21st century." According to Couture, the museum's architectural significance may be as important as its collection of virtual art and digital installations.

"The architectural experience is always something that is seen to go hand in hand with the museum experience and I think that's carried through in the virtual realm," she says.

Couture, along with her partner Hani Rashid, BArch/83, has already helped to expand the virtual world into the practical world of high finance. Last year, Asymptote created a virtual trading floor for the New York Stock exchange. The system is displayed on nine large screens in a command centre on the exchange trading floor. It allows New York Stock Ex-

change operations personnel to track activity on the trading floor while accessing up-to-the-minute business reports and general news from around the globe.

For Couture this project underlines how the virtual realm complements and at the same time transforms our day-to-day physical environment.

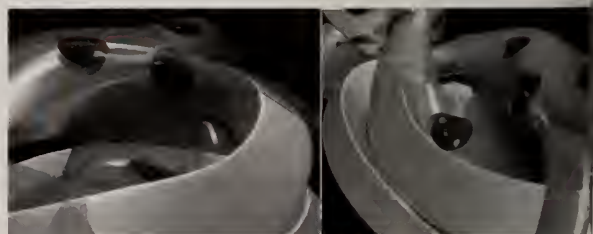
"We are seeing a convergence of the virtual realm and conventional space as we know it. . . in the sense that one has to exist in the other. What has been interesting with the experiments in the virtual realm is that it's provoked us to think about different ways we might build physical constructions," says Couture.

According to Couture, physical buildings are being made with more interactive capabilities and at the same time people are becoming more comfortable with travelling through virtual buildings on the Internet.

For Couture and other architects, the challenge in both the physical and the virtual realms is to continue to create worlds that people want to inhabit.

"I think the most important prerogative of architects is to be contributing to the world that we exist within," she says.

Architects have always been considered "creators and guardians" of our public spaces—our cities, our office buildings, our places of worship, says Ben Gianni, Director of the School of Architecture at Carleton. But until recently, architects have



resisted using computer technology to create virtual worlds. He says there's been an overwhelming fear that "virtual communities" will physically isolate people from each other and from the public spaces that architects make their living creating.

But Gianni says the opposite has occurred. Architects are now looking at the virtual world as an opportunity not as a threat.

"There is no basis for the belief that new communications technologies are inherently anti-urban. We've seen an increase in demand and appreciation for pedestrian-scaled main streets, sporting coffee shops, bookstores. Because people can do almost anything from their homes, they leave them for all the right reasons."

In 1997, Gianni helped set up a master's program at Carleton specializing in digital and multimedia design. The new design and technology stream was introduced as a specialization of the school's master of architecture program. It is the first degree in the area of new media design in the university and sets a standard for cross disciplinary collaboration in the area of emerging technologies.

He says the evolution of traditional architecture into the virtual realm is a natural progression for the industry.

"Architects are trained to organize information in space. The experience of moving through a hyperlinked, virtual environment is analogous to moving through a building. At every point one is presented with a variety of choices—moving from room to room or from room to corridor to gain access to other rooms," he says. "Moreover the virtual world is rife with architectural metaphors: home, site, chat room, etc. It is literally crying out for architects to get involved."



Anna Nicolle is a master's student in the School of Journalism and Communication at Carleton.

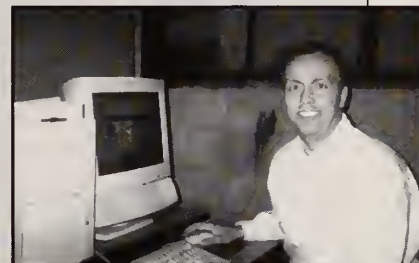
Navigating the campus on the Net

by *Erin Gaffney*

Internet users may soon be able to hang up their shoes and tour Carleton's campus with a click of a mouse.

Brent Welty, a master of architecture student, has developed a prototype of a virtual campus map, www.chat.carleton.ca/~bwelty/. The program starts with the user's location on campus, computes directions from one building to another and extracts and displays photographs one at a time to show how to reach one's destination. The program factors in the user's preferred route whether it be outside or underground in the tunnels, the time of travel for safety reasons, the user's mode of transportation and whether one wants the quickest or the barrier-free route.

The virtual campus tour has been in the works for some time. The project began four years ago with federal government funding through the university's Paul Menton Centre for Persons with Disabilities. The goal was to create a virtual tour that would allow people with disabilities to check out the campus digitally and learn about its accessible routes prior to visiting it.



Brent Welty

Photographs and maps of the interiors of the buildings on campus were developed. But before the project was completed, funding ran out. The Paul Menton Centre contacted the School of Architecture and asked if anyone there was interested in continuing the project. Last fall, Welty took over the virtual tour project to test his thesis on wayfinding in our built and virtual environments. His thesis, which was completed in the spring, includes a prototype of the virtual tour. Welty says there's enough information for someone to pick up where his work ends and continue with the computer programming. Further funding will be required to get the site up and running on Carleton's homepage.

The original intent of the virtual tour was to serve people with disabilities. But after delving into the project, Welty discovered the audience is much broader. "As we (Carleton) are moving more into the spotlight in terms of the Ontario universities, I think we really need to give ourselves that presence out there on the Net and here's the perfect opportunity to do that," says Welty.

Carleton University currently offers a pictorial tour of the campus and its facilities on its homepage. Alumni and prospective students are invited to visit the Web site at www.admissions.carleton.ca/Tours/vtour/ where they'll find video coverage of 17 key campus sites.

Susan Gottheil, Assistant Vice-President, Enrolment Management, says the site is aimed at prospective students and is valuable as a selling tool to keep Carleton competitive. "It allows students to preview the campus to get a flavour for highlights of the university and is particularly useful for those who are not able to join us in person."

Erin Gaffney, BJ/98, is a master's student in the School of Journalism and Communication at Carleton.

They Love New York

From high rises to high fashion, these Carleton architecture and design grads have taken New York City by storm. They have each used the skills they've acquired at Carleton in a completely different way to become a leader in their chosen field. Meet these dynamic alumni who are "making it" in the Big Apple.

A 3-D point of view

By Anna Nicolle

Simon Wutherich, BArch/98, realized the field of architecture in New York was booming when he landed a plum job only 24 hours after he arrived in the city.

"There is so much work here and so much opportunity, it is hard to describe it without seeing it," he says. "New York is where it is happening."

Wutherich has been out of school for only two years and already he's a key member of the high-profile design team at Peter Marino Architects in mid-town Manhattan. He has helped design the new Palm Beach Opera House as well as custom homes for elite clients in Europe. He says one of the most exciting aspects of his job is that he's given free rein to create fabulous designs without the budget constraints that most architects have to deal with.

"It is a bit of a surreal world where cost is generally no object and it's great because everything is custom made so you get to design *everything* right down to the door hinges."

Although his architecture experience is relatively limited, Wutherich's concepts have been integral in the design process on many of the Peter Marino projects.

"What is really cool is here is a guy who just graduated and I'm in the middle of the discussion," he says.

His mastery of three-dimensional modeling technology has given Wutherich an edge in the fast-paced job market. He says it's because 3-D modeling software has only become popular in the last two years and very few people are trained to use it. Wutherich explains that the software allows architects to create three dimensional designs that would be impossible to render by traditional pen and paper drafting methods.

"There are still some things that I can dream up and not draw but it is getting better . . . I find it's energizing because I'm creating living breathing objects. It gives me artistic freedom and artistic freedom is everything."

Wutherich says his biggest accomplishment in New York was winning a design competition against architects whose work he had been studying just two years earlier as a student at Carleton.



Simon Wutherich

"It was a bit overwhelming to be competing against these well known architects. And then to have won the competition of which my renderings played a large part in the entry was incredibly rewarding," he says.

Wutherich says Carleton's School of Architecture gave him the skills to help him realize his dreams.

"Don Westwood and Ben Gianni always gave me guidance but they also let me go with it and create what I wanted," he says. "They taught me that no matter what I do, I've got to have a passion for it."

For Wutherich, New York City is an inspiring place to work. His office is on the 36th floor of a skyscraper that overlooks Central Park. He has a "fabulous" view of the uptown New York skyline. He says the pace of the city is exciting and the competitiveness of fellow architects constantly challenges him to do his best.

"There is something about New York that gives you drive. I'm doing what I love and I'm letting that take me where I want to go."

Anna Nicolle is a master's student in the School of Journalism and Communication at Carleton



Fashion in the bag

By Anna Nicolle

Gelsomina Petti, BArch/86, is animated when she describes how a table is like a purse. Her excitement is contagious as she convinces you that almost anything could be a purse. Even a skyscraper could be a purse.

For Petti, an architect turned fashion designer, inspiration is everywhere.

"It's all about scale . . . and it's about looking at things in a different way."

Petti's unique ability to see things differently has paid off. She is the only handbag designer at the famous Anne Klein design studio in New York City. Her handbags are sold around the world and her distinctive designs have helped put Anne Klein handbags on the fashion map.

Over the past decade, Petti has combined her two great loves—architecture and fashion—in a successful career that has seen her designing high fashion in North America and Europe. Before joining Anne Klein, Petti designed interiors for Gucci and handbags for Christian Dior in Milan.

She says the transition from architecture to fashion was relatively easy. "The way I approach it is the same . . . it's a methodical, mathematical problem."

Petti credits Carleton's School of Architecture and professors like Tom Dubicanac with giving her the skills to be able to make the jump.



"I really owe a lot to Carleton. They gave me a broader vision of the world. They taught creativity as a concept not so much as a building . . . they really taught me to put my ideas down on paper and you can take that anywhere," she says.

After graduating from Carleton, Petti moved to Toronto and worked as an architect for a large firm. While she loved the design aspects of architecture, she quickly became frustrated with budgets and material constraints. She also discovered that she's a person who wants "to see things right away" and designing large office buildings takes time. After three years she decided to explore her career options.

"I always knew that there was something waiting for me," she says.

After taking night courses in fashion design at George Brown College, Petti knew that "something" was fashion design. She applied to the famous Domus Academy in Milan, where she won a bursary and studied for her master's degree under architect and fashion designer, Daniella Puppia.

Petti stayed on in Milan and worked for Puppia after graduating. She says she loved designing high-end fashion in Italy because there were no financial constraints placed on her designs.

But after four and a half years in Milan, Petti felt she had accomplished everything she had set out to do. So she turned her attention to the highly competitive North American fashion scene and Anne Klein.

Petti's passion for her craft is evident as she flips through photographs of her latest Anne Klein handbag collection and describes the textures and colours of the fabrics. She dreams of one day heading up a team of designers to bring her concepts to life on a larger scale. And Petti says she knows that someday it will happen.

"You have to find yourself through your work. Ultimately you have to believe in what you're doing."

Gelsomina Petti



Living a dream

By **Giuliano Tolusso**

Almost 15 years after graduating from Carleton's School of Architecture, Harley Swedler says he's finally realizing every architect's dream. The steel and glass home he designed for himself, his wife and three children is quickly taking shape on Long Island, just outside New York City.

For most of his career, Swedler has focused his efforts on the design of products like plates, candlesticks and glassware, sculpture, and high end art pieces much in demand by museums and private collectors.

"I really have to give credit for my success to the education I received at Carleton," he says. "The program really gave me a broad, sweeping view of the design world, everything from graphics to buildings."

He ended up in New York, he explains, at the recommendation of one of his thesis advisers, Japanese architect Katsu Muramoto. "He suggested that my style would fit in perfectly at a New York architectural firm headed by Peter Eisenman. Literally a few days after I graduated, I packed up and moved to New York, never having spent much time in the city before."

Eisenman was interested in hiring him, but Swedler says he kept putting him off until one day, "I decided I'd better get a job."

What sets New York apart from other cities, Swedler explains, is the tremendous amount of opportunity that exists for creative people. "Things just keep happening here. There's a real sense that your next chance can come from simply turning the corner."

As proof, he points to work he did on a residence for violinist Itzaak Perlman and a stint as job captain on an apartment for comedienne Joan Rivers. "Here I was working on these projects, all of 24 years old. It was unbelievable."

Giuliana Tolusso, BJ/83, is manager, public affairs, for The Canadian Payroll Association in Toronto.



Harley Swedler

Karim Rashid

Better by design

By **Alexander Wooley**

If New York is the city that never sleeps, then it has taken on the perfect resident in Karim Rashid, one of the city's hottest—and busiest—industrial designers.

From his North Studio on West 27th Street, the Carleton BID/82 grad has established in a few short years a worldwide reputation for vision, imagination and creating art out of the objects we touch every day.

Giorgio Armani hired him to design a series of "transformable" boutiques, the first of which is slated to open this October. For Sony, he designed a translucent boom-box. He created a plastic garbage can - called the Garbo - that has sold millions at U.S. home stores like Bed, Bath and Beyond. When Shiseido started up a new-concept company, 5S, it asked Rashid to design the avant-garde perfume bottle.

Perhaps strangest of all, he was the recent winner of New York utility giant Con Edison's manhole-cover competition. Rashid's design is a two-di-

mensional graphic that actually gives a 3-D illusion of a bumped grid. "The grid represents data and energy. The two are inseparable in our contemporary digital age." There are 250 in place on Gotham's streets.

Currently, Rashid is working on a hotel interior in Miami's trendy South Beach and another in Athens. He's also designing furniture, housewares and a running shoe.

Calling himself a "pluralist," he says, "I don't like to be pigeon-holed, I don't like the notion of specialization."

Rashid's designs are called a perfect marriage of function and form in a linear style, what the lay person would call futuristic. "The past is pointless," he says. "I prefer to look forward and to develop ideas and concepts that are relevant to our ever-changing dynamic cultural shifts."

He's as much in demand in Canada with Canadian firms as he is in his adopted home. Rashid serves as a design consultant with Umbra, has been asked by Cosmoda to design watches, and has a new series of couches called "Wavelength" for Nienkamper.

Through it all, Rashid says his schooling has served as an ideal base from which to ply his profession. "My education at Carleton was broad and well-rounded: I took courses in philosophy, journalism, engineering, marketing, language and architecture—very useful, because to design is to understand global issues."

Alexander Waaley, BA/89, is a Toronto-based writer.

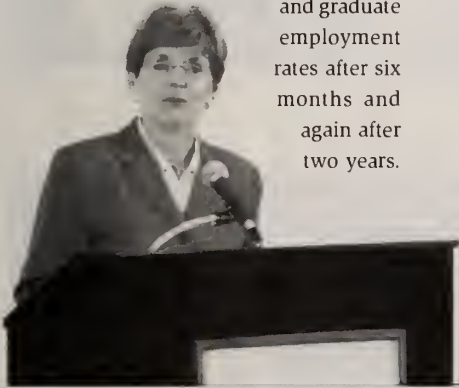


Operating grant increase has strings attached

Carleton President Richard Van Loon is "profoundly disappointed" with the latest government funding announcements for university operating grants.

In March, Ontario Training, Colleges and Universities Minister Dianne Cunningham announced \$33 million in new funding for the 2000-2001 academic year. But the grant increases come with some strings attached. For the first time, a portion of the grant money will be tied to performance and enrolment. \$16.5 million will be doled out to universities based on three key performance indicators:

graduation rates,
and graduate
employment
rates after six
months and
again after
two years.



Another \$16.5 million will be distributed to universities based on increased enrolment in 2000-01.

Van Loon says the funding formula is "ill-conceived and short-sighted" and will mean some universities will get virtually none of that money.

For example, employment rates are calculated on the basis of a mail survey of graduates who are asked two years after they graduate whether they were employed six months after graduating. But the spread between universities is very small—just over five percent from best to worst in the two-year rating. This means a university will get zero instead of \$500,000 on one indicator because its employment rate is 0.12 percent lower than the next university on the list.

"Dividing up millions of dollars on the basis of such small differences makes no sense," Van Loon says.

The government also announced a five-year cap on tuition fees in-

Dianne Cunningham



"For students too this is really a disappointing announcement. While they may feel more able to afford to attend university, they

will also recognize that without adequate funding the quality of their education will inevitably deteriorate."

—Richard Van Loon

creases. Universities will be allowed to raise tuition fees for most programs a maximum of two percent per year.

"For students too this is really a disappointing announcement," says Van Loon. "While they may feel more able to afford to attend university, they will also recognize that without adequate funding the quality of their education will inevitably deteriorate."

The funding does little to address quality of education issues or equip universities to cope with the deluge of students expected in 2003 from the double cohort of graduates caused by the elimination of Grade 13, adds Van Loon.

Enrolment continues to climb

Latest figures show fall 2000 applications to Carleton programs are up 12 percent from last year's numbers.

"Our first year applicants are up significantly over last year's which were dramatically higher than 1998," says Susan Gottheil, Assistant Vice-President, Enrolment Management. "More importantly, the number of students making Carleton their first choice for university education is also up." Students rank their university choices on the application forms from the Ontario University Application Centre.

Local applications are up 20 percent, an indication, Gottheil says, of Carleton's

strong advertising and marketing activities designed to attract local area high school students.

"Our potential students are getting the message that Carleton has changed and is innovative. It's the place to come for post-secondary education."

Applications from non-secondary students, international students—including those from the United States—and college students are all showing increases.

The April application numbers highlight increases in a number of specific programs—the three-year Bachelor of Arts, 21

percent; the Bachelor of Public Affairs and Management, 58 percent; the Bachelor of International Business, 40 percent; Bachelor of Mathematics, 41 percent; Bachelor of Computer Science, 19 percent; and Bachelor of Engineering, 14 percent.

Gottheil notes that many programs have limited enrolments which means that applications will exceed available seats. Entrance admission averages have been raised in the arts, engineering, commerce and journalism programs.

"That's very much in line with one of the university's strategic goals — to raise the quality of students enrolling at Carleton," she says.

For more information, contact www.admissions.carleton.ca/

Dedicated BOG member to receive Founder's Award

Longtime Board of Governors member Don Yeomans will receive the university's prestigious Founder's Award at the 2000 convocation ceremonies June 15-17.

Yeomans is being recognized for his "extraordinary record of dedication" to Carleton.

He joined Carleton's board in 1980 and served for some 13 years, including two years as chair. During this period he also chaired the audit, finance and nominating committees, and served on the university's building program, personnel and university relations committees.

In addition, he was a member of the Commission on Carleton's Second Half Century, served on the University Senate and was a member of the Board of the Carleton University Development Corporation.

Yeomans retired from the public service in 1993 after serving more than 30 years in a variety of posts including Commissioner of Corrections, Chairman of the Tariff Board and his latest position as a special adviser to Justice David Marshall, executive director of the Canadian Judicial Council. Since he retired, Yeomans has continued to serve the board and the university as a member of the audit, finance and strategic planning committees.

Yeomans was nominated for the Founder's Award by the university's chancellor, Arthur Kroeger. The award is the university's highest non-academic honour and is given annually, when merited, to an individual who has made a significant

contribution to the advancement of the university.

Past recipients of the Founder's Award include G. Ross Love, 1999; H. H. J. (Bert) Nesbitt, 1998; Claude A. Edwards, O.C., 1997; and Ross M. Cruikshank, who was given the inaugural award in 1996.

Don Yeomans



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High-tech boom spawns new sonic design diploma

Taking advantage of the local high-tech boom, Carleton's School for Studies in Art and Culture (SSAC) has developed a sonic design diploma to be launched this fall. The new five-credit diploma marries music with high-tech, providing students with focused training in musical applications in the computing field. Students could find work creating and producing sounds for movies, video games, television, and radio, says SSAC Director Bryan Gillingham. "We have been told by companies that they need creative people who can help design their musical programs," he says. "This diploma will meet that need."

Students in the program will develop both creative and technical skills, and must complete a practicum, worth one credit, at a music studio. A new course, survey of computer music applications, will be paired with existing courses to round out the five credits necessary for graduation.

Students must also submit an honours portfolio in composition specifically for sonic design. Gillingham expects enrolment will be limited to 25 to 30 students.

\$6.7 million to fund national capital research institute

Ontario Energy, Science and Technology Minister Jim Wilson was at Carleton in February to announce \$6.7 million in funding for research to be carried out at the new National Capital Institute of Telecommunications (NCIT).

"The Ottawa region has the brainpower and entrepreneurial drive to be among the top centres of innovation in North America," Wilson said. "Our investments in high-tech research will help give it that edge."

The money comes from the Ontario Research and Development Challenge Fund. In addition, Carleton, the University of Ottawa, the National Research Council of Canada, the Regional Municipality of Ottawa-Carleton, the Communications Research Centre, Newbridge Networks, Nortel Networks, Bell Nexxia, and QNX Software Systems Ltd. are contributing \$19.6 million to the institute.

"Carleton University is very pleased and honoured to be a founding partner in the National Capital Institute of Telecommunications," says John ApSimon, Vice-President, Research and External. "The new research laboratory at Carleton will build on our current expertise and ensure the continuing dominance of the national capital region in telecommunications and related areas."



Lloyd Axworthy, left, with Arthur Kroeger.

Axworthy delivers inaugural lecture for Kroeger College

Lloyd Axworthy, Canada's foreign affairs minister, delivered the inaugural Arthur Kroeger College Lecture in Public Affairs and Civic Society to a packed room on March 22 at Carleton. Chancellor Arthur Kroeger introduced Axworthy who spoke about "Canada and the Nuclear Non-proliferation Regime." Only eight months after its opening, the college is receiving overwhelming support from the business community, with over \$1 million donated to its fundraising campaign to date—two-thirds of the campaign's goal.

Carleton to bestow six honorary degrees at spring convocation

The recipients of honorary degrees at Convocation to be held June 15-17 are:

Marion Dewar (LL.D.),
Thursday, June 15 in the morning
(Faculty of Public Affairs and
Management);

Sydney Wise (LL.D.),
Thursday, June 15 in the afternoon
(Faculty of Public Affairs and
Management);

James Downey (LL.D.),
Friday, June 16 in the morning
(Faculty of Arts and Social Sciences)

Judith Maxwell (LL.D.),
Friday, June 16 in the afternoon
(Faculty of Arts and Social Sciences)

Carol Shields (D.Litt.) and Donald
Shields (D.Eng.), Saturday, June 17 in
the morning (Faculty of Engineering
and Design)

Jay Ingram (D.Sc.) and Karl Diedrich
(M.Sc.), Saturday, June 17 in the
afternoon (Faculty of Science).

Also, the High School Teaching Awards
will be presented to Karen Carter-
Edwards of St. Joseph Secondary
School in Cornwall and Gerry Ryan of
St. Mark High School in Manotick in the
morning ceremonies on Friday and
Saturday, respectively.



Carl Weatherell

Carleton hires grad to secure millions in CFI funding

After working 14 years for the federal government, Carl Weatherell, MSc/94, was ready for a new career challenge. He got what he bargained for—and more—when he accepted Carleton's job offer in January as project officer for the vice-president, research.

On his first day on the job, Weatherell was given the task of finalizing and packaging material for 10 funding proposals valued at tens of millions of dollars. The clock was ticking down with just two weeks to go before the deadline for submissions. Undaunted, Weatherell got the job done and is already preparing for the next round of funding proposals.

The research proposals were part of Carleton's latest bid for funding under the Canada Foundation for Innovation (CFI). An

independent, not-for-profit corporation, the CFI was created in 1997 by the federal government to address Canada's urgent need for research infrastructure—buildings, labs and equipment.

This round of the competition was part of the Innovations Fund, where CFI will invest a maximum of \$362 million. In March, the government announced an investment of \$10.1 million under the New Opportunities Fund of the CFI to boost the research capacity of new faculty at 27 Canadian universities. Subsequent to the latest federal budget, the CFI budget totals \$1.9 billion.

A similar provincial organization, the Ontario Innovation Trust (OIT), was developed to help researchers in Ontario to compete effectively for CFI funds. A third provincial organization, the Ontario Research and Development Challenge Fund (ORDCF) was also created and has a \$500-million budget over the next 10 years.

Weatherell's role is to develop strategic partnerships between Carleton and the public and private sectors in order to ensure Carleton gets a healthy portion of the significant CFI, OIT and ORDCF pies.

Weatherell's combined background as a technical research scientist and a project

manager and developer with the federal government gives him the broad skills required to juggle the multi-faceted demands of the job.

Carleton is "ideally positioned" to secure funding under the program, he says. "Some of the research going on at Carleton is incredible. We're in high-tech haven. We've got the fastest growing science and high-tech enrolment, and we're in the seat of the federal government. It's exciting. There are some world-class people here."

Recently, Carleton was successful in one of its applications for CFI funding for an Aquatic Animal Facility and Physiology Laboratory managed by Carleton biologist Katie Gilmour. The CFI award amounted to \$159,998. An award for an additional \$159,998 in matching funds from the Ontario Innovation Trust is anticipated. Carleton is also adding \$80,000 to fund the project. In addition, Carleton was recently awarded \$6.7 million from ORDCF to help establish the National Capital Institute for Telecommunications (NCIT) with its partners across the region.

Individuals interested in exploring possible funding partnerships with Carleton can contact carl_weatherell@carleton.ca

Biologist awarded research grant

On April 19, Carleton biologist Mark Forbes received one of 11 Premier's Research Excellence Awards handed out to Ottawa researchers.

The award, worth \$150,000, will allow Forbes, an evolutionary ecologist, and three doctoral students, to further investigate the effects of parasites, disease and environmental stress on three animal populations of commercial or environmental value.

Forbes speculates that many novel and recurring diseases that affect humans and wildlife are due to increases in environmental stress and the dropping of barriers to transmission.

"Presently, we have few people trained in both ecological and clinical aspects of disease," wrote Forbes in his proposal submission. He will use the funding to train new Ph.D students in this emerging field, to further the knowledge base of ecological immunology, and to help protect species of economic or environment value.



Mark Forbes



Feridun Hamdullahpur

The Twentieth Century Belongs to Canada

by **Norman Hillmer**
Professor of History

On 18 January 1904, Prime Minister Sir Wilfrid Laurier attended the first annual banquet of the Ottawa Canadian Club, giving a speech, the Citizen declared, "calculated to arouse to the highest pitch the patriotism of the members."

"The nineteenth century was the century of the United States," Laurier asserted. "I think that we can claim that it is Canada that shall fill the twentieth century."

Laurier's phrase-making passed almost without notice at the time. But it did not take long before his words had somehow been transformed into the most famous phrase in the Canadian experience. "The twentieth century belongs to Canada."

For a full account of Professor Hillmer's address to the Canadian Club of Ottawa, December 14, 1999, visit www.mogozine.carleton.ca

New VP research appointed

Feridun Hamdullahpur, a researcher and administrator from Dalhousie University in Halifax, has been appointed Vice-President, Research, at Carleton effective August 1, 2000. He was also appointed professor in the Department of Mechanical and Aerospace Engineering.

Hamdullahpur is presently Associate Principal for Graduate Studies and Research at DalTech-Dalhousie University, where he leads an active and productive research program in fluid dynamics.

He brings a broad range of leadership experience to the position. At DalTech-Dalhousie University, he was responsible for all aspects of that institution's research enterprise, including graduate studies, industrial liaison, scholarships and awards, contract research and research chairs.

"I am confident that he will rapidly apply his broad range of expertise in an energetic and open manner to strengthen the research enterprise at Carleton," says John ApSimon, who retires from this position this summer.

Professor wins prestigious business award

School of Business professor Vijay Jog is the winner of this year's Leaders in Management Education Award for the Ontario region for his role in bridging the worlds of academia and business.

The prestigious award, sponsored by the *National Post*, is intended to identify and pay tribute to individual professors at Canadian university schools of management who have demonstrated outstanding performance as classroom teachers and leaders in their profession.

Jog, 47, divides his time between teaching finance courses at Carleton and operating Corporate Renaissance Group, an Ottawa management consulting company he founded in 1991.

Along with the other three regional winners, he will receive a certificate of award and a \$10,000 cash prize.



Vijay Jog

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Toronto journalism grads laugh it up on *Air Farce* set

A rack of donuts (which we later find out are the actual yeast treats petrified with time) lines a back wall behind a coffee shop counter. Papier mâché parliament chambers loom to the left of the stage and in the far corner sits an elegantly decorated living room, scene of the famous "politically incorrect" fireside chats.



Former journalism school director, Stuart Adam, Vice-President, Academic, left, with Carleton grads and friends including Global Television network anchor Robert Fisher, MJ/87 second from right.

The set of Canada's hottest comedy show, Royal Canadian Air Farce, was the dramatic backdrop for Carleton University's 2nd annual cocktail reception for journalism graduates on March 6. More than 150 guests gathered in Studio 42 at Toronto's Canadian Broadcasting Centre where the show's hilarious skits are taped each week before a live audience. Star and producer of the show Roger Abbott regaled guests

with tales of on-camera antics and celebrity guests.

Judy Fantham, BJ/77, manager of strategic projects, CBC Radio, hosted the event for her fellow Carleton J-school alumni. "It was a wonderful opportunity to reconnect with old friends and recognize the long-standing bond between the School of Journalism and CBC," she says.

Fantham was joined by guests Peter Mansbridge, anchor of CBC's *The National*, CBC producer Mark Starowicz, Global Television network news anchor Robert Fisher, MJ/87, and Esther Enkin, BJ/



Esther Enkin, BJ/74

74, chief journalist and managing editor of CBC Radio, who told guests, "Some of CBC's best journalists are Carleton graduates. The school contributes greatly to the journalistic excellence of CBC Radio and Television."

A special thank you to our event sponsors, the CBC and Molson Canada.



Posing on *Air Farce*'s most popular stageset, are, from left: George Anderson, BA/69, Chair, Kroeger College fundraising steering committee and his wife, Lezlie Oler; Peter Mansbridge, anchor, CBC's *The National*; Judy Fantham, BJ/77, Director, Regulatory Policy, CBC; Susan Doyle, Assistant Vice-President, Development and Alumni; Tom Enright, President, Canada News Wire; and Roger Abbott, star and co-producer of Royal Canadian Air Farce.

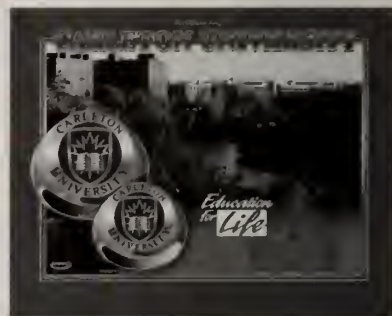
Class of 2000 ring unveiled

Carleton's class of 2000 will be the first graduating class to wear the school's new officially sanctioned school ring.

Jostens Canada unveiled the ring design at the first Gradfest celebrations held on campus in March. Carleton President Richard Van Loon, BSc/61, MA/65, was presented with a ring on behalf of the alumni association as the first graduate to become president of the university.

Designed by Jostens Canada, the ring features deep beveled sides and a raised crest in the middle with a maple leaf and the Carleton shield. Available in 10, 14, or 18 karat white or yellow gold, the ring can be custom engraved with the class year and degree. It is offered in small, medium and large sizes.

"These are items that provide lasting souvenirs of Carleton University," says Mark Clatney, a spokesperson for Jostens. The rings will be sold during spring convocation June 15-17 and can be ordered through the Carleton University Bookstore.



Gradfest: one-stop shopping for new grads

Pizza, prizes and promotion. These were the key ingredients of the first ever Gradfest held on Carleton's campus March 21-23 for the graduating class of 2000.

More than 500 students attended the three-day festival hosted by development and alumni services and co-sponsored by Jostens Canada. Students visited a mini-trade show set up in Porter Hall. There, they learned about the alumni association, registered on the new alumni Web site, and obtained information about convocation, alumni products and services, career counseling, co-op placements and more.

Carleton President Richard Van Loon, Ottawa Mayor Jim Watson, and Board of Governors member Michael Makin—all Carleton alumni—took the opportunity to congratulate the graduating students and welcome them to the alumni association.



ft to right: Mark Clatney of Jostens, Ottawa Mayor Jim Watson, President Richard Van on, Susan Doyle, Assistant Vice-President, Development and Alumni.

"I'm delighted to be back on campus to congratulate you on graduating from Carleton University," said Watson. "Graduating with a degree from Carleton opens so many doors and so many opportunities. When you leave convocation, you can hang your diploma with great pride."

The three-day event culminated with the presentation of the 2000 Alumni Association Student of the Year awards. Two-term CUSA President Joe Belfontaine was presented with the Undergraduate Student of



Meloche-Monnex staff promote their insurance and investment solutions programs to graduating students at Carleton's first ever Gradfest.

the Year Award and Mike Kocsis, a master's student in philosophy, won the Graduate Student of the Year Award.

In presenting the awards, Michael Makin, a past president of the alumni association, said Belfontaine's strong commitment to student issues during his time at Carleton "demonstrates the true spirit of Carleton University." Kocsis, who was instrumental in reviving the student philosophy journal and is involved in other student activities on campus, "wears benevolence as a badge of honour," Makin said.

"When you graduate, we want you to use the network we have to offer you for mentoring, career networking and for maintaining the lifelong friendships that you have developed here at Carleton," Makin told the crowd.

Jostens has been sponsoring similar Gradfest events for several years in the U.S. This was the first of its kind at Carleton. Jostens' spokesperson Mark Clatney said students were impressed with the "one-stop shopping" concept of the festival where all the information they needed was available under one roof.

"Students have been very grateful to get this information," agrees Cathy Pearan of Carleton's Senate office, which hosted an information booth about convocation.

Many students were intrigued to learn they'll receive automatic free membership in the alumni association upon graduation and most didn't realize how extensive the worldwide alumni network is.

BSc/2000 graduates Amanda MacFarlane and Sherri Boucher were among the 500 students who toured the festival and

came away with lots of valuable information.

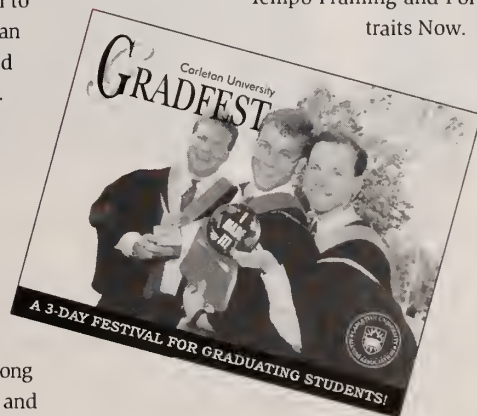
"I thought the alumni association set-up was really good," said MacFarlane, who even placed an order for a new school ring.



Michael Makin, past-president of the alumni association, centre, presents the 2000 Alumni Association Student of the Year Awards to Mike Kocsis, left, and Joe Belfontaine.

"I didn't know we get reduced membership rates at the library and the fitness centre after we graduate and I hadn't seen the diploma frames before."

Door prizes were donated by Kunstadt Sports, AudioTronic, Jostens Canada, Manulife Financial, Meloche-Monnex, Tempo Framing and Portraits Now.



New alumni chapters sanctioned

Two new chapters have been written in the history of Carleton's alumni association this year. At its teleconference in January, the association granted official status to alumni chapters for the School of Social Work and for Bachelor of International Business (BIB) graduates.

This brings the total number of alumni chapters to 18. Alumni chapters represent an academic discipline or varsity team. While the chapters are based in Ottawa, membership is worldwide.

More than 100 alumni and friends attended the School of Social Work's 50th anniversary celebration held during Homecoming in October 1999. Alumni and faculty have also contributed more than \$34,000 in gifts and pledges to date toward a \$50,000 bursary endowment for students.

The enthusiastic support for both the reunion and the fundraising campaign has now sparked the creation of the first official social work alumni chapter. At least 10 graduates have already agreed to serve on a volunteer committee.

The BIB chapter is hosting a reunion this fall at Homecoming when it plans to launch a new mentoring program.

Jane Gilbert, Vice President, Chapters, says the new chapters are a crucial

resource for the university because they offer the faculties a way of gauging where Carleton students are going after graduation.

"The new chapters help rejuvenate the alumni association and that brings a whole new

energy that we need to tap into. It also helps us sell the school when it comes to recruiting because we've got well placed alumni groups who are there as advocates and that's value added to a degree."

Gilbert hopes to organize a meeting of all of the chapter presidents to "share ideas and experience."



Jane Gilbert

Mentors help students make transition into the workforce

The world of work can be mystifying at times, especially to students who might not know exactly which career path to choose. That's why Carleton's Career Services and Development and Alumni Services have jointly established the university's first mentorship program to link alumni with students and recent graduates.

Cheryl Colmer, BA/94, who organizes the students' side of the program, says the idea is to "demystify" the world of work. "We want to help students and recent grads to know more about a specific field of work. Mentors can give advice about how they got into their field. Or they can talk about the day-to-day reality of the job—about their duties, about what they like and dislike."

The program encourages protégés to find out about the mentor's workplace before contacting him or her so that the initial interview can be efficient. That's what third-year commerce student Ken Brownlee did.

Before Brownlee visited Matt Thomas, BAHons /91, BCom/97, a senior accountant with KPMG, he had done his homework. He fired questions at Thomas for a full half hour. The visit gave him the opportunity to see what the workplace was like. It also helped him understand "what the next [career] step is going to be and to be ready for it."

But Brownlee didn't confine his questions to his career. Since Thomas is a Carleton graduate, he posed a few academic questions as well. "I was able to get some insight into what options to take and in what order," he notes.

Brownlee came out of his initial session with Thomas excited about his future in chartered accountancy. "It was an incentive to work harder," he says, "to set goals, to move in a certain direction."

For Thomas, becoming a mentor is a way of giving something back to Carleton. "I received a lot of assistance and guidance," he says, "particularly from Career Services ... not from people working in the field because I didn't know anyone."



Ken Brownlee

The mentorship program meets this need, Thomas says. It's also a good recruiting strategy. "We can identify strong students," he says, "potentially, people we might want to select to eventually work with us."

Mentors and protégés typically arrange face-to-face meetings, or they can correspond by phone and e-mail. In fact, one of the mentors on Colmer's list lives in Dublin, Ireland.

This spring's pilot project generated interest from 16 potential mentors, with seven being successfully matched with students.

"Alumni who volunteer as mentors are afforded a wonderful opportunity to interact directly with current students," says Gary Shaver, Assistant Director, Alumni. "Their guidance and helpful insights are not only encouraging but invaluable in helping to set career paths."

How to get involved

If you're interested in becoming a mentor, contact Gary Shaver at (613) 520-3636, or e-mail gary_shaver@carleton.ca. You can also become a mentor by filling out the PATRON (Putting Alumni Talent and Resources ONline) questionnaire at www.carleton.ca/alumni

A.D. Dunton
Alumni

Award

Nominations are being accepted for the 2000 A.D. Dunton Alumni Award.

Named in memory of Carleton's beloved fourth president who served the university from 1958-1972, the A.D. Dunton Alumni Award is Carleton's most prestigious alumni honour.

It is given annually by the Carleton University Alumni Association to a graduate in recognition of outstanding achievement or contribution in any field of endeavour.

Members of the university community are invited to nominate alumni for this award. The committee would appreciate receiving supporting reasons or biographical information with the nominations.

Nominations should be submitted on or before July 31, 2000

to:
Nominating
Committee
A.D. Dunton Award
Room 510, Robertson Hall
Carleton University
1125 Colonel By Drive
Ottawa, Ontario K1S 5B6
Fax: (613) 520-3587



Sports Hall of Fame inductees

These seven former Carleton athletes/builders were inducted into the Carleton University Athletics Hall of Fame on Saturday, February 12, 2000. From left to right: Keith Harris, Jean Prebble, Michael Trought, Janet Podleski, Bob Eccles, Gail Blake and Ernie Zoppa.



CBC sports boss visits campus

Nancy Lee, MJ/87, Executive Director of CBC English TV Sports, was guest speaker at the Journalism Alumni Chapter's annual winter event on March 20. Lee provided an illuminating preview of CBC's plans for coverage of the summer Olympic Games in Sydney, Australia. Left to right: Chris Dornan, Director, School of Journalism and Communication, alumni chapter members Nina Hamad and Jane Collins, Nancy Lee, and Pam Pavlik, President of the Journalism Alumni Chapter.

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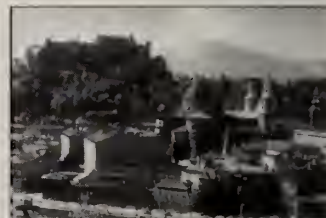
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Sowing seeds of success

More than 200 Carleton donors, students and faculty members celebrated excellence and scholarship at the university's third annual scholarship dinner held April 5 on campus.

The evening's theme was "Sowing the Seeds of Success" in honour of the support given to Carleton's growing student aid program which is helping to attract exemplary students, enabling scholars to meet their financial commitments and rewarding academic excellence. This year, over \$6 million was distributed to 4,500 new and returning students at Carleton.

Individuals and corporations who make leadership donations to student aid were invited to the event. Carleton also arranged for the student recipients of the awards to attend to meet their benefactors.

"We want to recognize all of our donors and give them the opportunity to see the direct impact of their gift," says Pamela Miles, Carleton's planned giving officer. "It's very exciting to bring together these donors with the students who are benefitting from their generosity. We were moved by the outpouring of emotion this year."

Guest speaker Ly Tan, the 1999 Deloitte & Touche scholarship recipient and twice winner of the university's prestigious Chan-



Carleton held its third annual dinner celebrating excellence and scholarship on April 5, 2000.

Photos by Mike Pinder

cellor's Scholarship, set the tone for the evening when she expressed her gratitude to donors and spoke about the significance of her financial aid.

"Coming from a family that entered this country as refugees, with parents who possess no formal education of any kind, has taught me to appreciate what I have," the second year Bachelor of Commerce student told guests. "I thank both Carleton University and Deloitte & Touche for opening the door, allowing me to achieve and become more."

"It was extremely touching," said guest Brian Sutherland, whose family recently established a student bursary in his father's name. "It was beautifully evident about what wonderful doors such an award can open for students."

The second guest speaker was Wayne Dustin, a Master of Engineering student who received the 1999 Gabriel Warshaw Memorial Scholarship. He too conveyed his genuine gratitude to the Warshaw family who were in attendance.

Claire Troplis, Nortel Networks' Vice-President, Disruptive Technology, Network and Business Solutions, said the highlight of the event was meeting three of Carleton's first five recipients of

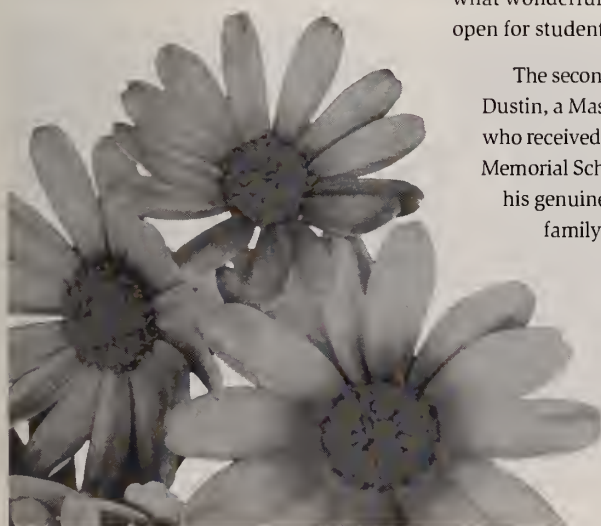
the \$5,000 Nortel Scholars of Excellence award.

"It was a great opportunity to interact with the students," says Troplis. "It's extremely gratifying to see such a high caliber of students coming through the program. We welcome the opportunity to encourage these students who will ultimately contribute to the growing areas of the Canadian workforce."



Carleton scholarship recipients Wayne Dustin, left, and Ly Tan.

In his closing remarks, Stuart Adam, Vice-President, Academic, paid tribute to the support Carleton students receive from corporate sponsors and donors. "They are truly fortunate to have you standing behind them and encouraging them—as are we, the faculty and administration, who have the privilege of teaching them. Thank you sincerely for your generosity and constant support."





Senators support bursary fund

The Ottawa Senators Foundation recently presented a cheque for \$11,000 to Carleton's Bell Canada/Ottawa Senators Bursary. The bursary is awarded annually to a second-year engineering or science student in need of financial assistance. The funds were raised from the annual Bell Canada/Ottawa Senators charity golf tournament in September. Left to right: John ApSimon, Vice-President, Research and External; CUSA President Joe Belfontaine; Dianne Wilson, President of the Ottawa Senators Foundation and Michael Wallace of Molson Canada.

Anonymous donor pledges \$600,000 to support Canadian social history

An anonymous benefactor with a special interest in Canadian history has pledged a gift of stock valued at approximately \$600,000 to the Department of History to support two endowment funds and a new research unit. The first installment was received in late December and the remaining funds will be received in subsequent years.

The Shannon Scholarships in Canadian Social History will be awarded to outstanding full-time graduate or undergraduate students, with preference being given to those pursuing research in British or Irish immigration or the history of eastern Ontario and western Quebec. This field of study is of particular interest to the donor.

The Shannon History Endowment Fund will assist the department in disseminating, promoting and advancing knowledge in Canadian social, migration and local history. Income from the fund will be used to support lecture series, visiting lecturers, student travel and research expenses.

The proposed Migration Studies Unit in the department will advance scholarship in two areas of particular interest to the donor: 18th and 19th century migration and later immigration to Canada from the British Isles.

"The entire department is thoroughly delighted with this," says History Professor Bruce Elliott. "It demonstrates that we have friends in the private sector who appreciate what we do, that we have real strength in the field of Canadian social history and they want to support that. They have an understanding of how important additional funding is to our graduate students."

Carleton's Department of History has a large number of Canadian social historians on the faculty and has been a leader in social history studies for many years. Carleton co-founded the journal *Social History/Histoire sociale* with the University of Ottawa in 1968, and established its doctoral program in Canadian history in 1973.

Hill-arity for Charity raises funds for Carleton

The Washington comedy review The Capitol Steps and Canadian comedy musical team Bowser and Blue performed at the National Arts Centre in Ottawa on April 12.

The Honourable Herb Gray provided a marvelous and entertaining introduction of The Capitol Steps.

Proceeds from the charity fundraising event will be shared among Carleton's Kroeger College of Public Affairs, the Shaunneshy Cohen Fund and the Joe O'Donnell Foundation. More than 700 political types and comedy fans, including several Carleton students, were in attendance.



From left to right: members of the Kroeger College Campaign Steering Committee, including Marc-Andre Charlebois, Mary-Lou O'Reilly, David Walker, and committee chair George Anderson, with Sheila Coppins, Minister of Canadian Heritage, Stuart Adam, Vice-President, Academic, and Susan Doyle, Assistant Vice-President, Development and Alumni.

fifties

'50

Iona Skuce, BA/50, volunteers as an English tutor for foreign students. She is currently tutoring Carleton University students from Korea. Iona lives in Ottawa.

'52

Donald W. Mills, BA/52, BSc/53, has retired from the department of ophthalmology at the University of Western Ontario after more than 40 years. Some career highlights include his tenure from 1979 to 1983 as editor-in-chief of the *Canadian Journal of Ophthalmology*, and his service as the chief examiner of ophthalmology at the Royal College of Surgeons from 1985 to 1987. Donald resides in London, Ontario, where he continues to maintain a private practice.



'53

Martin J. Marcus, BSc/53, recently sold his patent agency, Marcus & Associates, after 25 years as owner, to Borden Elliot Scott & Aylen, where he continues to work as a consultant. Martin resides in Ottawa.

sixties

'69

Murray MacLean, BCom/69, was recently recognized for his long public service with an award from the International City/County Management Association. Murray is the chief administrative officer/clerk for the Village of Rockcliffe Park. He lives in Ottawa.

seventies

'70

Dale Fawthrop, BAHons/70, retired after teaching high school English and drama for 30 years in Smiths Falls and Red Lake, Ontario, and in Amherst, Nova Scotia. He also was head of the English department for 20 years. Dale lives in Amherst where he serves as a town councillor, a teacher and coordinator of the English Language Institute at Mt. Allison University, and as a theatre director and playwright. His most recent production, *A Child's Voice*, involves a cast of 100 performers. Dale may be contacted at fawthrop@istar.ca.

Pierre Page, BA/70, has retired from his position as CEO of the Centre hospitalier et centre de readaptation Antoine-Labelle, a hospital complex in the Laurentians in Quebec. He resides in Lavaltrie.

'72

Jay Atherton, MA/72, is president of The Friends of the National Archives of Canada. He formerly worked as the university archivist (1994-1998) at Carleton University. Jay and his wife Peggy reside in Chelsea, Quebec.

'74

John McCormick, BA (St. Pats)/74, was honoured for lifetime achievement in January 2000 by the Canadian Career Development Foundation which named him a recipient of the prestigious D.S. Conger Award for Leadership in Career Counselling and Career Development. John worked for Human Resources Development Canada for 30 years before retiring in March 1998. John resides in Aylmer, Quebec.

'75

Jack Fernihough, BA/75, was recently appointed region manager, Western Canada/Pacific Northwest, for Rentway Ltd. He continues to work out of the head office in Toronto where he resides.

Roy Norton, BA/75, MA/76, is executive director of international relations and protocol at the Ontario provincial government's Ministry of Economic Development and Trade. He graduated from Johns Hopkins University's School of Advanced International Studies in May 1999, with a PhD in international relations. Roy resides in Toronto.

'77

Patrick Culhane, BCom/77, was appointed president of The Canadian Payroll Association in January 2000. He previously was director of finance/accounting strategic market group for Carswell Thomson Professional Publishing. He resides in Burlington.

'78

Simon Leibovitz, BA/78, BEd/79 (Queen's), has accepted a senior management position as program manager, public relations, with Cambridge Memorial Hospital in Cambridge, Ontario. Simon, his wife Beth and their six-year-old twin sons Ben and Gavin continue to make their home in Guelph.

Larry Segal, BScHons/78, MSc/80, was recently appointed senior toxicologist with the safety, health and environment division of Huntsman/ICI Europe Ltd. located in Brussels, Belgium, where he resides.

'79

William H. Murch, BA/79, is a communications specialist with the Ontario Ministry of Natural Resources, Guelph district. He is one of the 13-member interdisciplinary team that received a 1999 Amethyst Award which recognized four years of work on the development of the Grand River Fisheries Management Plan. Bill lives in Aylmer West, Ontario.

eighties

'80

Janet Irwin, BJ/80, has recently been named executive producer, news and current affairs, for CBC Radio Manitoba. Janet resides in Winnipeg.



Libris

We're pleased to present a listing of recent books written by graduates of Carleton University.

The Leadership for Dignity of All: Thom's "Resolved Christianity"

Author: Douglas J. Thom, BSc/67
Publisher: Uganda Council For Educational Administration (UCEA)
Price: \$29.00

In Good Hands: The Women of the Canadian Handicrafts Guild

Author: Ellen Easton McLeod, BAHons/91, MA/95
Publisher: McGill-Queen's University Press (Montreal), 1999
Price: \$34.95



Career Paths of Nursing Professionals: A Study of Employment Mobility

Author: Robert D. Hiscott, BAHons/80
Publisher: Carleton University Press (Ottawa), 1998
Price: \$49.95, \$24.95

Never Smile Before Christmas: A Letter to Students of All Ages

Author: John Raycroft, BA/59
Publisher: LEGAS (Toronto), 1999
Price: \$29.95



The Black Chalice

Author: Marie Jakober, BA/68
Publisher: Edge Science Fiction and Fantasy Publishing, 2000
Price: \$23.95 (U.S.)

Max Perchanok, MA/80, and Rita Forman are pleased to announce the arrival of Stephen on February 5, 2000, a brother for Eva, born April 4, 1996, and Faye, born June 21, 1998. Max is a research scientist in snow and ice control with the Ontario Ministry of Transportation and Rita is business unit manager with Allegiance Health Care. They reside in Toronto.

Mark Ruthenberg, BCom/80, is the general manager of *FoundLocally.com*, a city-focused search engine and local information Web site for major cities from Sudbury to Victoria. Mark remains based in Calgary.

Making Magic

Ottawa magician Chris Pilsworth loves the science of magic as much as he loves thrilling people with his spectacular illusions.

For the past 16 years, Pilsworth, BID/86, has combined his lifelong passion for performing with his degree in industrial design to create the imaginative props that help him wow audiences in Canada and abroad.

For Pilsworth, problem solving involves anything from how to make a cactus appear inside a balloon to how to escape from a wooden crate before jagged steel blades drop from above and skewer him. He says he comes to the magical solutions to these problems the same way he would solve any industrial design problem—with research, precise calculations and an eye for detail.

"It may take two to five years for a concept to materialize, for it to go from my mind, onto paper and finally to the stage. It is rare for there to be a complete idea and a complete solution all at once."

A full-time magician, Pilsworth performs more than 250 shows a year. He says he got hooked on magic at the age of 12 when he saw his first live magic show. He's been dedicated to his craft ever since. But when he graduated from high school and wanted to take up magic as a full-time profession, his parents encouraged him to go to university first and get a degree "to back up the magic." Pilsworth says he chose industrial design at Carleton because he wanted to go into an innovative field that would help him improve his magic. He says at Carleton he learned to "strive for perfection."

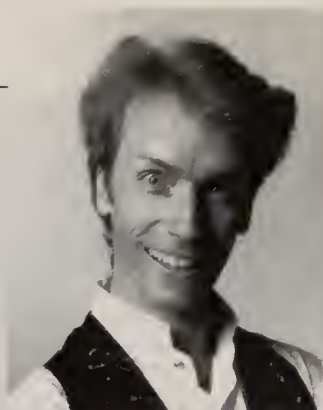
Now, with magic shows ranging from children's birthday parties to large scale theatre productions, Pilsworth is determined to corner the magician's market on innovation. He

says he sees his job as being a "tour guide through the magical world" that he creates. He's taken his magical world on the road to the Governor General's residence, the Corel Centre and the Canadian Museum of Civilization. Pilsworth says his ultimate dream is to produce a show on Broadway.

"I push to keep making it better. It's a really cool feeling being in front of a lot of people and getting the direct feedback when they like what you do. There's nothing better."

www.borntoamaze.com

Chris Pilsworth



Chris Pilsworth draws on his training in industrial design to create the props for his magical stage shows.

Robert Steinbach, BArch/80, was appointed January 1, 1999, as president of the Investment Counsel Association of Canada which represents 60 firms and over \$150 billion of assets under management. Robert lives in Toronto where he's managing director at McCutcheon Steinbach Comber Investment Management Inc.

'81

Stephen Fairbairn, BA/81, completed his master's degree in education at the University of Lethbridge. He teaches computer science and math at Elkford Secondary School in British Columbia. He can be reached at seeker@elkvalley.net.

Christopher Gehan, BA/81, and his wife Karen continue to enjoy life in Bermuda where they live with their daughters Jennifer and Madeleine. Chris is an assistant vice-president

and project manager at The Bank of N.T. Butterfield and Son and Karen is a clinical educator at King Edward VII Memorial Hospital. Contact from grads is welcome at: gehan@northrock.bm

'82

Tony De Marinis, BCom/82, was elected 2000 chairman of the board of directors of The Ottawa Construction Association. Tony lives in Kanata, Ontario, where he is vice-president of De Marinis (DMA) Incorporated, a construction, management and consulting firm.

Derek P. Fudge, MSW/82, graduated in March 2000 from the Trade Union Program, an intensive three-month business program at Harvard University in Cambridge, Massachusetts. Derek lives in Nepean, Ontario, with his wife Jill Broadbent and their two sons, Brian and Stephen. He is the campaigns and research director with the National Union of Public and General Employees.

Marvin Ryder, BScHons/82, BA/82, has been chosen to head the transition board that will oversee the creation of the megacity of Hamilton, Ontario. He is assistant vice-president, information services and technology, at McMaster University. He resides in nearby Dundas, Ontario.

'83

Dorothy Lane, BA/83, MA/87, and **Noel Chevalier, BAHons/86, MA/88**, live in Regina, Saskatchewan, where they are both English professors at Luther College, University of Regina. They are also busy parents of two preschool boys, Owen Michael, born June 21, 1996, and Adrian Jonas, born January 11, 1999.

In memoriam

Michael Duffy, BEng/68, on December 26, 1999

Marie Green

Marie J. Green, BAHons/91, on March 18, 2000

Roland John Hodos, BSc/56, on October 6, 1999

Ken Margison, BA/97, on December 22, 1999

Shunsuke Morinishi, BEng/97, on January 2, 2000

Dan Rowan, BA/87, on November 12, 1999

Edwina Smith, BA/81, BAHons/82, MA/89, on March 30, 2000

Dan Rowan

Nicolae (Nick) Volf, BEng/72, on January 14, 1999



Neil R. Young, BAHons/83, is the minister of Erindale United Church in Mississauga, Ontario, where he resides with his wife Kate, who is also a United Church minister, and their three daughters. Neil publishes the occasional small article on classical numismatics. Friends can make contact at nryoung@sympatico.ca.



'84

Christine Johnson, BJ/84, began a new ministry at the Roxboro United Church in Quebec on March 1, 2000. Christine resides in Montreal-West.

'85

Debra Yeo, BJ/85, joined *The Toronto Star* as a copy editor in 1998 and was recently promoted to assistant city editor. She can be reached in Toronto at dyeo@thestar.ca.

'86

Kurt Headrick, BScHons/86, PhD/92, and his wife Danielle, BAHons/93, are pleased to announce the arrival of their new daughter, Grace Margaret Headrick, on December 14, 1999. The family resides in Edmonton where Kurt is analytical lab coordinator in the department of chemistry at the University of Alberta.

Dan Howes, BAHons/86, and Jill Badgery are pleased to announce the arrival of their daughter, Jordan Elizabeth Badgery Howes, on July 3, 1999, a sister for Reid, age three. The family resides in Scarborough, Ontario. They can be reached at dan.howes@sympatico.ca.

Nicola Tagart (Hill), BAHons/86, and her husband Andy are pleased to announce the arrival of their second child, Harriet Isobel Mary, on December 31, 1999. The family lives in Surrey, England, and welcomes e-mails at andynicolatagart@ukgateway.net.

'87

Catharine Barnes (Dobranowski), BA/87, lives in Toronto with her husband Greg and their two sons, Andrew and Alex. Catharine (Kasia) earned an MBA at York University and works part-time as a senior policy advisor for the Liquor Control Board of Ontario.

'88

Natale Lofaro, BCom/88, and Joanne Ironside, BCom/88, are pleased to announce the arrival of their first child, Gabriella Marie, on February 7, 2000. The family resides in Ottawa where Natale is an audit assistant with the Bank of Canada.

'89

Michael Halhed, BCom/89, and his wife Kathy (Thomas), BA/88, are pleased to announce the arrival of their third daughter, Courtney Michelle, on January 28, 2000, a sister for Megan and Alicia. The family resides in Ottawa.

Kathryn Ricciuti (Marshall), BA/89, traveled to Australia where she met her future husband. Kathy and David were married in 1991 and have two children, Sarah and Jack, with a third child expected this year. The couple resides in Melbourne, Australia, where they operate an auto electrical business.

Maureen Scott-Nowlan, BJ/89, and her husband Todd Nowlan are pleased to announce the arrival of Olivia Julianne Xichao, born on May 1, 1999 in Anhui Province, China, and adopted January 10, 2000. The family resides in Kemptville, Ontario. Maureen and Todd are both employed at Nortel Networks in Ottawa.

nineties

'90

Anna-Maria Galante-Ward, BJ/90, and Kevin John Ward are pleased to announce the arrival of identical twins, Emma Beatrice and Olivia Maria, on May 18, 1999, sisters for Gillian Allegra, born April 15, 1997. The family resides in Coldbrook, Nova Scotia. After seven years of full-time reporting at the *Halifax Herald*, Anna-Maria is a full-time mom.

Jennifer Power, BJ/90, MJ/91, will marry Jeff Scott in Saint John, New Brunswick, on July 21, 2000. Jennifer is a freelance journalist who recently completed work on the new Discovery Canada documentary series *Frontiers of Construction*. She recently performed the role of Olivia in a production of Shakespeare's Twelfth Night and is an anthem singer for the Saint John Flames professional hockey club. Contact powerjennifer@hotmail.com.

'91

Dave Blackman, BA/91, invites residents of 4th Russell from 1986-1989 to Trapperfest this July. For further details, contact Dave through e-mail at bugeater66@canada.com or by phone at (613) 271-6819.

Richard Dixon, BAHons/91, and Allison (Doll), BA/90, MSW/97, are pleased to announce the arrival of their daughter, Sabine Joy, on December 27, 1999. The Dixons live in Ottawa where Rick continues to work at Nortel Networks and Allison is employed at Health Canada.

Nancy Hansen, MA/91, is on education leave from Statistics Canada. She is in the second year of a PhD program in human geography at the University of Glasgow in Scotland.

Andrew Makarewich, BA/91, and his wife Jennifer Terry-Makarewich, BA/91, are pleased to announce the arrival of a baby girl, Emma Caroline Makarewich, on June 11, 1999. The family resides in Burlington, Ontario.

Peggy Marchessault (Shea), BA/91, and her husband Philip are pleased to announce the arrival of their first child, Brennan James, on June 9, 1999. The family resides in Ottawa.

Congratulations on the arrival of the following Carleton University

Future Alumni



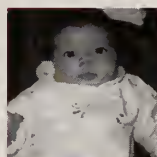
Riley Brown



Adam Morin



Sabine Joy Dixon



Madison Vilhan



Brennan James Marchessault



Cole Gordon Crossett



Emily Nevada Chepurny



Sabrina and Katia Perry

Sydney Dawn Amell, August 30, 1999
Liam Patrick Spencer Black, November 15, 1999
Riley Kathleen Brown, November 3, 1999
David James Campbell, January 6, 2000
Emily Nevada Chepurny, February 1, 2000
Cole Gordon Crossett, October 22, 1999
Sabine Joy Dixon, December 27, 1999
Courtney Michelle Halhed, January 28, 2000
Grace Margaret Headrick, December 14, 1999
Jordan Elizabeth Badgery Howes, July 3, 1999
Gabriella Marie Lofaro, February 7, 2000
Emma Caroline Makarewich, June 11, 1999
Brennan James Marchessault, June 9, 1999
Amy Belle McKay, November 18, 1999
Sarah Pauline McKay, November 18, 1999
Adam Gordon Morin, June 1, 1999
Olivia Julianne Xichao Nowlan, May 1, 1999
Sabrina and Katia Perry, July 1999
Jack Stanier, June 17, 1999
Harriet Isobel Mary Tagart, December 31, 1999
Madison Emily Vilhan, January 4, 2000
Emma Beatrice Ward, May 18, 1999
Olivia Maria Ward, May 18, 1999



William Neil Reid, BCom/91, married Julie Haar on July 17, 1999, in Oshawa, Ontario. The couple honeymooned in Greek Islands. Bill is a project manager for EDS System-house. He invites friends to contact him at julie_and_bill@sympatico.ca.

Debbie Perry (Prevost), BA/91, BA/95, and her husband Randy Perry are pleased to announce the arrival of identical twin daughters in July 1999. The family resides in Nepean, Ontario.

Jeff Stanier, BA/91, and his wife, **Kathleen (Bellinger), BJ/92**, are pleased to announce the arrival of their second child, John Brennan (Jack) on June 17, 1999, a brother for Beth. Jeff is a consultant with JetForm Corp. and Kathleen is at home with the children. The couple lives in Ottawa.

Lois Tuffin, BJ/91, placed third in the Suburban Newspapers of America competition in the "education reporting" category for her series of stories on how teaching English, math and science has changed over three generations. Lois lives in Peterborough, Ontario where she is a reporter for *Peterborough This Week*.

Candace Vilhan (Weiss), BA/91, married Marjan Vilhan on November 28, 1998. They are pleased to announce the arrival of their first child, Madison Emily, on January 4, 2000. The family resides in Gloucester, Ontario.

'92

Sonja Black (Logan), BSc/92, and her husband **Jeff Black, BSc/92**, live in Nepean, Ontario, where Jeff owns a games and hobby supply store. Sonja earned her diploma in early childhood education and operates a home child care program. They are the proud parents of two children, Arianna Courtney Hilary, born September 29, 1997, and Liam Patrick Spencer, born November 15, 1999.

Catherine Churchill Frank (Churchill), BAHons/92, married Greg Frank, PhD (University of Western Ontario), in September 1992. They are delighted to announce the arrival of Benjamin Wendall on June 11, 1997. Catherine was critically ill with heart trouble after the birth but is slowing regaining her health and is enjoying motherhood. Greg is a director in global market risk at the Bank of Montreal. They live in Toronto.

Gail Cohen, BJ/92, was recently named managing editor of *Law Times*, an independent weekly covering the legal profession in Ontario, and of *Workplace News*, a national human resources monthly. The publications are based in Aurora, Ontario.

Rose Crossett, BA/92, and her husband **Greg, BA/92**, are pleased to announce the arrival on October 22, 1999, of their first child, Cole Gordon. Rose is a project officer in development and alumni services at Carleton and Greg teaches music theatre at Colonel By Secondary School in Ottawa. The family resides in Metcalfe, Ontario.

Carla Doucet Guest, BAHons/92, and **Jeff Guest, BA/90**, were married in Halifax, Nova Scotia, on September 4, 1999, with many Carleton alumni present at the ceremony. They reside in Peterborough, Ontario, where Carla is manager of corporate communications with Expertech, a subsidiary of Bell Canada, and Jeff is a fire fighter.



John McDonald, BEng/92, has joined Ontario Power Generation (formerly Ontario Hydro) as a senior technical engineer at the Darlington nuclear generating station. He previously was manager, industrial maintenance systems, with GasTOPs Ltd. John and his family reside in the Oshawa area.

Mohamed Shahda, MA/92, is a PhD candidate at Johns Hopkins University, concentrating in conflict management. He invites his NPSIA friends to contact him in Washington, D.C., at mshahda@hotmail.com.

'93

Kelly Amell (Patterson), BA/93, and her husband **Chris Amell, BA/92**, are pleased to announce the arrival of their third child, Sydney Dawn, on August 30, 1999, a sister for Kaitlyn and Douglas. The family resides in Perth, Ontario, where Chris is employed with the Ontario Provincial Police.

Aaron Benjamin, BJ/93, married Tania Wilson in Toronto on November 14, 1999. They reside in New York City where Aaron has worked as

Here's how to become a Class Act

Simply complete this form and return it to us so we can share your news and achievements with fellow grads in the Class Acts section in both the print and online editions of *Carleton University Magazine*. Be sure to let us know whenever you move so you don't miss future issues of the magazine. Please return to: Carleton University Alumni Association, 1125 Colonel By Drive, Ottawa, Ontario, K1S 5B6.

NAME

title	first name	surname	previous name	degree/class
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SPOUSE

title	first name	surname	previous name	degree/university
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HOME ADDRESS (please complete if different from the one used for this mailing)

apt/street	city
province/country	postal code telephone email

BUSINESS ADDRESS (please complete or attach business card)

position/title	company
office/department	street city
province/country	postal code telephone fax email

PERSONAL NEWS (include a photo and we'll try to print it too)

☐ Please include my child in the Future Alumni column. Name _____ Birth date _____

an attorney for the past two years at a large Wall Street firm. He graduated from the University of Toronto law school in 1996.

Anthony Cook, BEng/93, and **Andrea Martin-Cook, BA/92**, have moved to Sudbury, Ontario, where Tony is a project manager with PCL Constructors on the Sudbury Regional Hospital project.

Hugh Jarrett, BA/93, has been working in the energy section at Statistics Canada in Ottawa since 1991. He and his wife Brigitte were married in October 1997 and live in Chelsea, Quebec.

Kymm Wiles (LeBel), BEng/93, has been living in the U.S. since 1995 and has spent the last three and a half years with the energy/environmental/IAQ group at Steven Winter Associates, Inc. in Norwalk, CT. She recently married Andrew Wiles, a computer systems analyst and a graduate of the University of Waterloo. The couple resides in Norwalk and welcome e-mail at kwiles@swinter.com.

'94

Patrick Harrison, BJHons/94, recently completed shooting his independent feature film *Longshot* and has launched a Web site with articles, films, artwork and info at www.idig.net/~flick/home.htm. Patrick lives in Vancouver.

Ken Kee, BA/94, is a provincial constable with the Ontario Provincial Police in the Englehart detachment. He resides in Englehart with his wife Mary-Beth, who works with Canada Trust.

Kevin McKay, MEng/94, and his wife Heather joyfully announce the arrival of their identical twin daughters, Amy Belle and Sarah Pauline, on November 18, 1999. Kevin is a hardware design manager at Nortel Networks. The family resides in Ottawa.

'95

Justin Brown, BA/95, and his wife **Julia (Gorman), BA/95**, are thrilled to announce the arrival on November 3, 1999, of Riley Kathleen, a sister for Regan. The family resides in Toronto where Justin and Julia work for the provincial government.

Kimberly Chapman, BJ/95, has relocated to Las Vegas where her new husband, Corran Webster, is a mathematics professor at the University of Las Vegas. Kimberley spent the last two years writing for the technical trade newspaper *Network World Canada* and is now writing her second novel while attempting to publish her first. She can be reached at kacee@journalist.com.

John (Raymond) Moore, MSW/95, and his partner Linda are expecting their first baby in June, 2000. After five years working in social services in the UK, John has returned to do further studies in comparative social policy at Oxford University. They would love to hear from any of the MSW/95 graduating class at raymond.moore@sjc.ox.ac.uk.

Sandeep Panesar, BEng/95, is the writer and co-producer of *Groove Society*, an independent feature-length film starring Corey Haim. The film was shot in clubs in cities around the

BID grad designs millennium coin series

At this moment, you might be carrying around a bit of Carleton University without even knowing it.

One of those shiny new millennium quarters in your pocket or purse might boast a design by one of Carleton's newly minted bachelor of industrial design graduates, Anny Wassef.

The 24-year-old Beaconsfield, Quebec, native was selected from among 33,000 competitors who submitted designs for a national coin contest sponsored by the Royal Canadian Mint. Her design, which focuses on the theme of health, was chosen for the April 2000 25-cent coin.

Wassef's design features a ribbon, a symbol of support for people living with illnesses such as AIDS, and an Aesculapian staff, a rod entwined by a snake, to represent the medical profession. The images are meant to show that "with donations and research, we will eventually find cures to resolve deadly ills," Wassef says. The coin also bears her initials.

Although there was no monetary prize for winning the contest, Wassef is delighted to have her coin in circulation.

"It was a shock because this was the first design I've ever done outside school," she says. "I think it's pretty amazing to have it in my portfolio."

Wassef learned about the competition almost by accident from her father, an avid coin collector. He had received the mint's information package about the contest in the spring of 1999. At the time, Wassef was back home for a visit.

Her curiosity was piqued so she visited the mint's Web site (www.rcmint.ca) to find out more about the competition. "It seemed interesting," she says, so she decided to enter "just to see what would happen."

Industrial design seems a perfect fit for Wassef. Her creativity, interest in drawing and graphics, and desire to make useful products all come together in the program, which stresses a concern for the context and social purpose of design, as well as a sense of environmental responsibility and judgment on design issues.



Anny Wassef

She has high praise for the faculty, who treat the students as equals. "They're always willing to listen to our ideas and opinions," she says. "The atmosphere is collegial."

Brian Burns, Director of the School of Industrial Design, is equally effusive about Wassef.

"We are very proud of Anny, both for her initiative in entering the competition and for the elegance and effectiveness of her winning design."

Each of this year's coins features a distinct theme. Together, the themes reflect the aspirations of Canadians from all walks of life, particularly younger Canadians, and depict the Canada they want to create in the coming century.

An independent panel of post-secondary art and design students selects the winning designs for each year's competition.

To view the design go to: www.rcmint.ca/en/millennium/millenniumcoins/2000april.html



world and was scheduled for release in early 2000. Sandeep is president and co-founder of Overdrive Communications, a multimedia marketing agency based in Montreal.

Bahaa I. Sunallah, BAHons/95, was called to the Ontario Bar in February 2000. After graduating from Carleton, he studied law at the University of Ottawa graduating in 1998 with an LLB. He articulated for a year at the University of Ottawa Community Legal Clinic. He can be contacted stsunallah@lawyer.com.

Bryan Tinlin, BAHons/95, completed a master's degree in environmental studies in 1999 at York University. He conducted his research

in Thailand on urban poor and public policies. Bryan is working as a recruitment and electronic media officer at Carleton University. He resides in Ottawa.

'96

Alvin Chung, BAHons/96, received his master's degree in East Asian studies from McGill University in 1999 where he is currently a doctoral student and is president of the Graduate Student's Society for East Asian studies. Alvin lives in Montreal. Details about his research are available at www.mgsseas.freesevers.com.



Star reporter named business journalist of the year

For *Taranta Star* reporter Robert Cribb, MJ/94, tracing the 100-year evolution of communications technology was "not done in an afternoon." His series, aptly named "Rewired," took him a month to research and write.

On April 13, 2000, Cribb was given the prestigious Anderson Consulting Business Journalist of the Year award for the series that ran in the *Taranta Star* last August. Cribb also won first prize in the daily newspapers category.

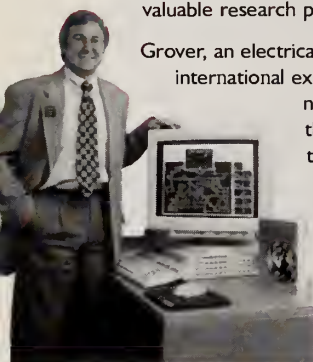
The national prize includes a \$1,000 donation to the educational institute of the winner's choice. For Cribb, the choice was easy. His contribution is going to Carleton's School of Journalism and Communication because, "I believe in the school. It's where I got the fire for journalism and I think it's the best journalism program in the country."

Alberta engineer wins NSERC Fellowship

This fall, Wayne Grover, BEng/76, will receive one of Canada's most prestigious and valuable research prizes, the NSERC Steacie Fellowship.

Grover, an electrical engineer and professor at the University of Alberta is an international expert in the theory, design and operation of "self-healing" networks—communications networks that survive physical failures through fast, highly efficient means of self-organized re-configuration.

The fellowship includes a \$180,000 payment over two years to the University of Alberta toward Grover's salary and general faculty infrastructures so he can pursue his advanced research full-time and obtain increased research funding from NSERC. Contact www.ee.ualberta.ca/~graver



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2



Homecoming
STAYING IN TOUCH
2000

Garth Hanson, BScHons/96, is graduating from medical school at Queen's University. He and **Sandra Drinkle, BA/96**, were married in April 2000. They reside in Kingston, Ontario.

H. Colleen O'Connell-Campbell, BCom/96, was married to Scott C. Campbell on August 16, 1997. They are pleased to announce the arrival of their son, David James, on January 6, 2000. Colleen is a senior personal banking officer with the Bank of Nova Scotia. The family resides in Munster Hamlet, Ontario.

Antje Wiener, PhD/96, is an associate professor at the Institute of European Studies at Queen's University of Belfast in northern Ireland. She previously was an assistant professor at the University of Hannover, Germany, after doing two years of post-doctoral work at the University of Sussex.

'97

Natasha Cayer, MA/97, is an APEC officer with the Canadian High Commission in Wellington, New Zealand, where she resides.

Alison Grant, MA/97, is a foreign service officer with the Department of Foreign Affairs and International Trade in Ottawa. Alison is involved in the development and promotion of Canada's position on land mines.

Emily-Jane Orford, MA/97, has recently published a children's book on the American artist, Georgia O'Keeffe, through Kiwi Enterprises

in England. *One Hundred Flowers* can be purchased through www.kidszip.com. Emily-Jane lives in Nepean, Ontario.

Jacqueline Toupin, MJ/97, has produced an hour-long documentary that explores the motives of Canadians who are international humanitarian workers. The program received its world television debut in February. Jacqueline resides in Ottawa.

'98

Erin Yamazaki (Craig), BSc/98, married **Jason Yamazaki, BEng/98**, on May 22, 1999, aboard the *Miss Gatineau* as it cruised down the Ottawa River. Erin is working at MDS Nordion in the dosimetry lab and Jason works at Nortel in the RF Hardware Design Group. They are enjoying their new home in Kanata.

'99

Steve Chepurny, BA/99, and his wife Aviva are proud to announce the arrival of their first child, Emily Nevada, on February 1, 2000. They reside in Toronto.

Ryan Ward, BA/99, recently wrote an article about Carleton University for *The Student's Guide to Canadian Universities* published by Key Porter Books. Ryan lives in Toronto where he works in the client services department at Canada Customs and Revenue Agency. He is also the program supervisor and talk show host for a new Internet radio station, www.mediataalks.com.



Sasa Petricic

CBC's Petricic gets nod for uncovering the HRDC boondoggle

Carleton University alumni were big winners at the Canadian Association of Journalists Awards (CAJ) for Investigative Journalism in Halifax this year.

Among the winners was *CBC National News* reporter, Sasa Petricic, BJ/86, for his story that alleged Human Resources Development

Canada's mismanaged billions of dollars in the Transitional Jobs Fund.

Petricic, who reports for CBC Television News on Parliament Hill in Ottawa, says the network aired the story three months before the government actually confirmed there were problems with the way the fund was being administered.

"The award recognized that we had in fact found this out months before anyone else. Nobody actually picked up on it at the time because there wasn't any hard and fast evidence. You had to actually go back and phone each of these places and collect it that way," says Petricic.

Other Carleton winners are Natalie Clancy, BJ/93, in the regional television category, Rita Celli, BJ/91, in the radio category, Alex Norris, BAHons/85, BJ/87, in the computer assisted reporting category. The Conflict Analysis Award went to Lisa Hebert, MJ/98, and journalism student Kathy Cook, BA/93, was the winner of the CAJ/ Canada Newswire Student Award of Excellence in Journalism.



Waneek Horn-Miller, right.

Alumna receives national aboriginal achievement award

Former Ravens water polo star Waneek Horn-Miller, BA/2000, has been named one of 12 recipients of a national aboriginal achievement award from the National Aboriginal Achievement Foundation.

Horn-Miller, co-captain of Canada's national women's water polo team, received the youth award along with a \$5,000 scholarship.

Horn-Miller, of Mohawk heritage, was born in Kahnawake, Quebec. She started swimming competitively at age seven, and started playing water polo in high school. She was a league all-star athlete while at Carleton, earning many accolades for her achievements. She is in the record books at Carleton as the first woman to be named athlete of the year three straight times.

She also competed on the women's national water polo team which won the gold medal at the 1999 Pan-American Games. This summer she will lead the Canadian team at the 2000 Olympic Games in Sydney, Australia.

The awards serve to "provide role models for young aboriginals, to dispel stereotypes and to promote greater harmony between aboriginal people and other Canadians," says John Kim Bell, a Mohawk composer/designer who founded them in 1994.

Photo: Water Polo Canada
Women's Olympic Qualification game Canada (4) vs USA (6)

A liberal education is key to a civil society

Perhaps the most compelling argument for the value of a liberal education is that, without the application of the knowledge and values it embodies, civil society would be impossible. And without civility the quest for prosperity becomes both aimless and fruitless. If this argument is not being well advanced these days, it may be in part because the usual defenders of liberal education, humanists and social scientists, are not matching rhetoric with example in the community closest to them: the university.

Civility, as I am using it, is not a series of grace notes or decorative features added to social interaction. Nor is it a matter of feeling good or being nice towards each other. It is something more fundamental to the workings of successful communities and nations. In *Making Democracy Work*, Robert Putnam has described studies which strongly link economic development to the quality of social organizations in the community. Putnam made an historical analysis of a number of Italian communities and concluded that the ones which succeeded socially and economically did not become civil because they were rich, but rather became rich because they were civil. The best predictors of success, he concluded, were strong traditions of civic engagement as reflected by voter turnout, newspaper readership, and active membership in community organizations and networks that are organized horizontally not hierarchically. Putnam described these aspects of civic engagement as social capital, a type of capital that is augmented, not depleted, by use.

There is a growing sense in Canada, and Ontario particularly, that this kind of social capital has been depleted, the result in part of severe and often crude economic measures governments and corporations have taken to balance budgets, contain costs, and increase productivity. Economic disparities have grown, and so too has the sense of disfranchisement many feel. It is easy to be critical of government and business leaders in all this, but it would be better and truer if we all accepted greater responsibility, starting with ourselves, in universities.

What is true for communities in general is no less true for universities. The social capital represented by associations and networks of civic engagement is a precondition for academic development and effective governance. An institution that relies on mutual respect and assistance is simply more effective at achieving its ends

than an oppositional, distrustful community. Social capital in the collegium, no less than in the community at large, is built from an investment of time and commitment by individuals—people who first make the effort to understand the issues and then take an active, citizen role in their resolution.

Many in the academy feel that this capital has been eroded on our campuses in recent years, although they are not agreed on the cause. Some blame it on size, some on the divided loyalties of professors, some on the increased emphasis on individual rights at the expense of collective obligations, and some on chilly climates of one sort or another. Whatever the root cause, it seems clear that mutually reinforcing corporatism and unionism have waxed while the spirit of community and civic engagement has waned. Waned too has any strong sense that universities have a role in society that transcends the simple formula of teaching, research, and service, or any sense at all that our ideals oblige us to become exemplary societies ourselves. Humanists and social scientists have been much better at social deconstruction than at reminding colleagues of the ideals that should lie at the heart of the university.

As it bears on the education universities provide, it should be acknowledged that no set of academic disciplines has a monopoly on the knowledge and values of which I speak. A liberal education only makes sense in a modern university and contemporary society if its concepts, principles, and ideals are built into the curricula of all undergraduate programs. Ironically, I believe that engineering and some other professional programs may be doing a better job of this than many programs in arts and social science, which assume they are liberal but in fact are quite narrowly specialized and leave students without a sufficiently broad base of skills, knowledge and outlook for a meaningful engagement as citizens. Which is to say that if we who profess ourselves to be humanists and social scientists wish to defend and promote the ideals of a liberal education in a hard-edged materialist culture, we must be prepared to lead by example, starting with our own universities—the programs we offer, the academic citizenship we practise.

James Downey is professor of English and past-president of the University of Waterloo. He was formerly a professor of English and president pro-tem of Carleton University.



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